

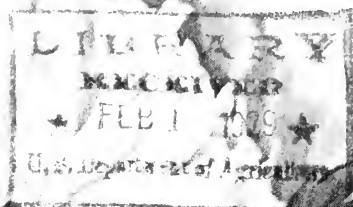
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JOHNSON'S SEED STORE

6267 SINCE
1891

CLEVELAND
OHIO



CATALOG
1929

Prompt and Efficient Service by Mail and Express



It is more convenient for many of our customers to order their seeds and bulbs by mail than to call at our store. For those customers, this catalogue is specially written and mailed, free, to all who have favored us with their orders during the past year and to any others who are interested in gardening and ask for it.

Whether you call at our store for your seeds and garden supplies or order them by mail, we can assure you of the same prompt and courteous attention and the same helpful interest in your garden success.

NEW CHARGE ACCOUNTS

We Especially Invite Charge Accounts. A charge account is more convenient than to remit for each order at the time it is sent; you pay no more for your goods by reason of this accommodation.

When sending your first order, send us the name and address of some one with whom you already have a charge account. This saves time.

REGARDS C. O. D. SHIPMENTS

Goods can be sent C. O. D., with the exception of perishable items, which include plants and cold-storage bulbs; these cannot be sent C. O. D. No C. O. D. shipments for any kind of goods can be made by express or freight out of town unless one-fourth of the total amount accompanies the order.

SHIPPING INSTRUCTIONS

Always state by what method you want goods forwarded, otherwise we will ship according to our best judgment.

INFORMATION CHEERFULLY GIVEN

We make a specialty of giving, by letter, any information our customers require in Gardening Matters. Do not hesitate to call on us.

PLEASE ORDER EARLY

We shall greatly appreciate it if our customers will adopt our suggestion to send us their spring orders for seeds, plants and bulbs as early as possible. Shipments need not be made until you want the goods.

PARCEL POST SHIPMENTS AT OUR EXPENSE

We pay postage charges on all orders for packets, ounces, quarter-pounds and pounds. If larger quantities are wanted by mail, remit for postage at the rates quoted in table below.

Domestic Parcel Post Rates		For First Pound Allow	For Each Additional Lb. Add
from Cleveland, Ohio, to Any Other Postoffice in the United States			
1st zone within	50 miles	..\$0.07	\$0.01
2nd zone within	50 to 150 miles	.. .07	.01
3rd zone within	150 to 300 miles	.. .08	.02
4th zone within	300 to 600 miles	.. .09	.04
5th zone within	600 to 1000 miles	.. .10	.06
6th zone within	1000 to 1400 miles	.. .11	.08
7th zone within	1400 to 1800 miles	.. .13	.10
8th zone over	1800 miles	.. .14	.12

Weight limit within the first, second, and third zones is 70 pounds; within the other zones the weight limit is 50 pounds. In all zones, the size limit is 84 inches for combined length and girth.

Notice to Market Gardeners and Florists

Growers of vegetables or flowers for market can save money by sending for our Special Market Gardeners' and Florists' Price List, at once. It will be sent only to those who grow for market, and will not be sent to private gardeners. We cater to the most critical trade.

NOTICE—PLEASE READ

We cannot Guarantee the Well-Doing of any seeds, plants or bulbs we send out, having no control over conditions—therefore:

Johnson's Seed Store gives no warranty, express or implied, as to description, purity, productiveness or any other matter of any seeds, plants or bulbs they send out and they will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms they are at once to be returned.

WHY OUR SEEDS ARE RELIABLE. We grow what we can under our own supervision from our own pedigreed seed-stock. What we cannot grow under our own supervision we purchase by contract from professional growers whose reputation must be maintained.

JOHNSON'S TESTED SEEDS. Every lot of seed that comes into our store or warehouse is carefully tested for germination.

JOHNSON'S SEED STORE

SEEDS THAT PRODUCE

2172 East Ninth Street

CLEVELAND, O. Telephone Cherry 6644-6645

Just South of Prospect Ave.,
West Side of E. Ninth St.

Cleveland's Largest and Most Convenient
Seed Store

To Our Customers and Friends



GARDENING is recommended to all as the most fascinating, congenial form of open-air exercise. Besides the great health building results that are sure to ensue from a short time each day at garden work, you will be delighted at the results of your crops and the saving in household expenses. It is a pleasure to us to serve you and any information desired we will gladly give.

The selection of seed stocks is exceedingly important and we spare neither time nor expense in endeavoring to improve upon what we now own, but also to test out new varieties before cataloguing them.

Our mail order department is well equipped to handle our increasing business; however, we would ask you to send in your orders at your earliest convenience, to enable us to give prompt attention before our rush season begins.

Yours for Garden Success,
JOHNSON'S SEED STORE

Cleveland, Ohio, Jan. 1, 1929.

Hardy Lilies For Spring Planting

We especially recommend deep planting, say, from 6 to 8 inches deep; varieties like Speciosums require at least 8 inches, with an ample amount of sand beneath the bulb to insure proper drainage. Cover the beds with leaves or litter during winter. Lilies thrive well in borders, formal gardens, or shrubbery, and usually flower at a time when the shrubbery has ceased blooming, adding increased interest.

If Lily bulbs are to be sent by parcel post, add postage at your zone rate. Bulbs 11x13 and 12x14 inches, weight 8 ounces; 9x10 and 9x11 inches, 6 ounces; 7x9 inches, 4 ounces; all other varieties, 2 ounces.

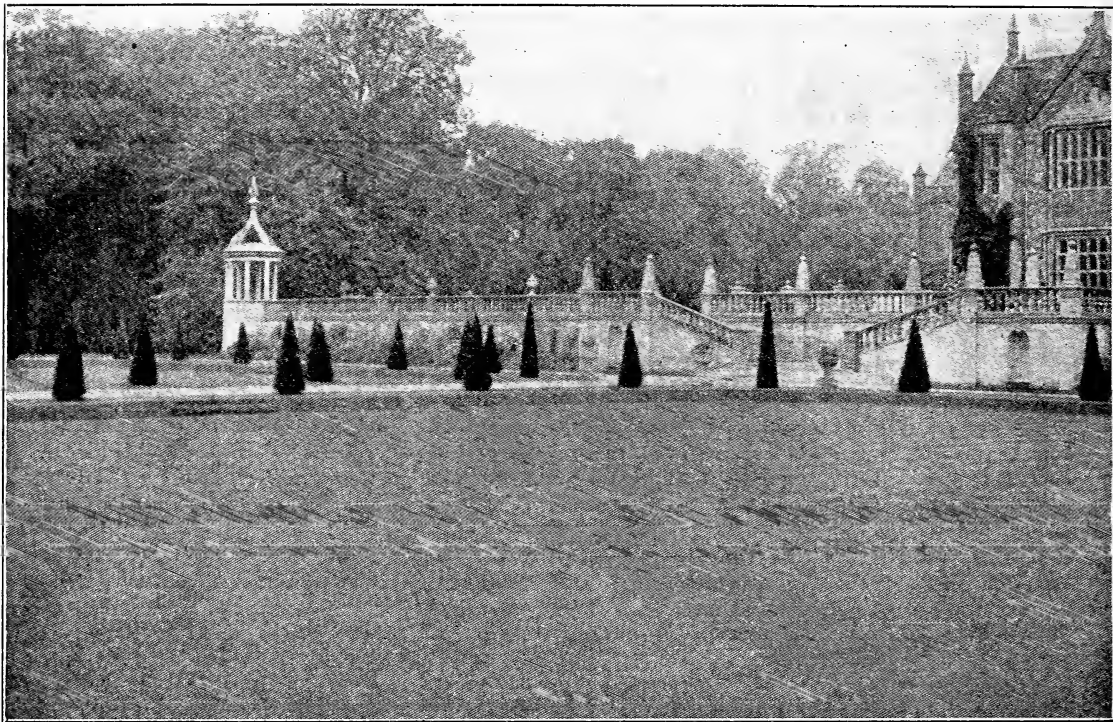
Prices Subject to Change

	Each	Doz.
AURATUM (Gold-banded Lily). Ivory-white with central band of yellow and numerous purple spots. Mammoth Bulbs	\$0.55	\$5.50
Jumbo Bulbs .....	.75	7.50
Monster Bulbs	1.50	15.00
AURATUM PLATYPHYLLUM (Macranthum). A giant Lily. Similar in color to Auratum, but much larger and with fewer spots.....	.75	7.50
HENRYI . Large panicles of orange-yellow flowers, banded with green; robust and long-lived .....	.75	7.50
KRAMERI . Pure blush-pink, fragrant, beautiful trumpet-shaped flowers on 3-ft. stems in August.....	.60	6.00
REGALE (Myriophyllum). Trumpet-shaped, white flowers; shaded brown inside .....	.75	7.50
SPECIOSUM ALBUM . Pure white, with green band in center of each petal; exquisitely dainty and beautiful; very fragrant.....	.65	6.50

	Each	Doz.
SPECIOSUM MAGNIFICUM . Flowers larger than any of the other Speciosums. Rose, heavily spotted with rich crimson.		
Large Bulbs	\$0.50	\$5.00
Mammoth Bulbs .....	.70	7.00
Jumbo Bulbs	1.20	12.00
SPECIOSUM MELPOMENE . Large, rich carmine flowers, heavily spotted blood-red.		
Large Bulbs .....	.60	6.00
Mammoth Bulbs .....	.85	8.50
SPECIOSUM RUBRUM or ROSEUM . White, shaded with deep rose, and spotted red. Magnificent; free-blooming.		
9x11-in. circumference .....	.45	4.50
11x13-in., Mammoth Bulbs...	.65	6.50
TIGRINUM FL.-PL. Double orange flowers, spotted black. Mammoth Bulbs..	.35	3.50
TIGRINUM SPLENDENS . Rich scarlet with dark spots.		
Mammoth Bulbs .....	.30	3.00

Johnson's High Grade Lawn Seed

THE BEST SEED MAKES THE BEST LAWN



Smooth, Firm, Evergreen Lawns From Johnson's Lawn Grass Mixtures

ABOUT LAWNS AND LAWN GRASS SEED

Formation of Lawns from Seed

There is nothing more attractive than a well-kept lawn.

The ground should be thoroughly drained and well prepared. The soil ought not to be too rich, as a rapid growth is not wanted in the grasses of a lawn; but the surface should be as much alike in quality as possible and thoroughly pulverized. After sowing, the ground should be rolled if possible, in order to press the seed firmly into the soil, and ten days or so thereafter a light application of Johnson's Lawn Fertilizers will serve to stimulate the growth of the young grasses. The proper time to sow grass seed depends, of course, upon latitude. In the central and eastern states from March 15th to the middle of May is the best time; but in favorable seasons the sowing may be done up to July 1st. Seed may also be sown in the fall, from the latter part of August to the end of October or later, depending upon the weather. The sowing should be done when the ground is moist, or before an expected rain, and a subsequent rolling is always advisable. As to weeds in newly-made lawns, it may not be generally known that many weed seeds actually lie dormant in the ground for six or seven years and will germinate and make their appearance when the soil is turned up. The annual wild grasses, such as crab grass or summer grass, must be pulled up by the roots before they ripen their seed in the fall.

Johnson's "Reliable" Mixture

An Ideal Lawn Seed Mixture—Cleanest; Best; Cheapest

The Best for General Purposes

Our "Reliable" Lawn Grass Seed is the cleanest, heaviest, cheapest and best, because it is made up of Extra Recleaned Seeds of the finest varieties of grasses, each of which has its season of beauty and the result is the production of a sod that is always evergreen and velvety. Many of the finest lawns of our city are seeded with **Johnson's Reliable Lawn Grass**, the preparation of which is a specialty with us. Less seed of Johnson's Reliable is required than of any other brand. Hence it is economical in the end. 1 lb. will sow 400 square feet. **Lb., 60c; 5 lbs., \$2.75; 10 lbs., \$5.00; 20 lbs., (1 bu.), \$9.00.**

LAWN SEED—Continued**Johnson's "Economy" Lawn****Seed**

A good clean mixture for general purposes

This special mixture produces beautiful and permanent lawns. It is made from our own formula, and composed of grasses which are adapted for the purpose of producing a lawn which retains its rich green color and velvety appearance throughout the summer and fall. It is well suited for various soil conditions, giving good results even in small city grass plots, where the soil is generally stiff and heavy. **Lb., 50c; 5 lbs., \$2.25; 10 lbs., \$4.00; 20 lbs. (1 bu.), \$7.00.**

Johnson's "Shady Spot"

This is a very high grade mixture of grasses which naturally grow in shady spots. Before sowing in such places, it is well to rake off the surface thoroughly and then apply air slaked lime at the rate of one bushel to every 1,000 square feet. Use one pound of seed for every 300 square feet. **Lb., 65c; 5 lbs., \$3.00; 10 lbs., \$5.50; 20 lbs., (1 bu.), \$10.00.**

Johnson's "Quick Growth"

A special mixture of seeds which is especially useful where for some reason or other the seed cannot be sown in early spring. Our **Quick Growth** mixture will cover the ground like magic, but later on produce a permanent and beautiful sod. **Lb., 50c; 5 lbs., \$2.00.**

Grass Seed Mixtures for Terraces

A mixture of strong, deep-rooted grasses for banks or terraces. Although the grasses are strong and deep-rooted, they will produce a fine green velvety surface, and also prevent washing away during heavy rains. **Lb., 90c; 5 lbs., \$4.00; 10 lbs., \$7.50.**

Miscellaneous Grasses

Special Prices on Application

All Prices quoted for Miscellaneous Grass Seeds are Subject to change without notice

BLUE GRASS, Fancy Kentucky (*Poa pratensis*). Our stock of this is extra fine, thoroughly cleaned; sow 3 to 5 bu. per acre on lawns, 2½ to 3 bu. on pasture fields (bu. 14 lbs.). **Lb., 90c; 5 lbs., \$4.00; 10 lbs., \$7.50; 25 lbs., \$12.00.**

BLUE GRASS, Canadian (*Poa Compressa*). Makes an ideal pasture; excellent also for sowing on embankments; sow in same proportions as Kentucky Blue Grass Seed (bu. 14 lbs.). **Lb., 90c; 5 lbs., \$4.00; 10 lbs., \$7.50.**

CREeping BENT (*Agrostis stolonifera*). Succeeds well in moist situations. **Lb., \$1.75.**

RED FESCUE. For meadows or pasture on dry, hard or sandy soil. It is very hardy, a true perennial, growing from 1 to 2½ feet high. **Lb., \$1.50.**

HARD FESCUE. (Bu. 14 lbs.). Emphatically a grass for dry lands, doing well on sandy and shallow silicious soils. Exceedingly hardy and withstands extremes of heat, cold and drought. Write for prices.

WOOD MEADOW GRASS (*Poa memorialis*). A very productive Grass, adapted for lawns or pastures. Thrives well under trees. Very scarce. **Lb., \$1.25.**

PERENNIAL RYE (*Lolium perenne*). Affords pasture very early in the spring. Sow early in the spring at the rate of 1 to 1½ bushels to the acre. **Lb., 50c; 5 lbs., \$2.25.**

RHODE ISLAND BENT (*Agrostis canina*). A very fine variety for lawn and pasture. Ask for prices.

NEW ZEALAND CHEWING FESCUE. New crop. Fancy seed. **Lb., \$1.25.**

CRESTED DOGTAIL (*Cynosurus cristatus*). An excellent Grass for hard, dry soils. Sow 25 lbs. per acre. **Lb., \$1.75.**

Permanent Grass Seed**For Golf Links, Tennis Courts, Polo Grounds, Etc.**

We have devoted much attention to the seedling and preservation of golf links, tennis courts and polo grounds, and offer the following mixtures, which have been used on many of the finest links, etc., in this country, with very satisfactory results. Bags at cost and transportation extra. Prices subject to market fluctuation during the season.

Golf Links Fair-Green**Mixture**

For the grounds in general. Made up from varieties of grasses perfectly adapted to rough usage. Will produce a beautiful, thick, tough lawn in a short time, and will maintain its appearance better than others, in spite of wear and dry weather. For Golf Links this mixture is equal if not superior to many golf link grasses now in use. **Lb., \$1.00; 5 lbs., \$4.50; 10 lbs., \$8.00; 20 lbs., \$14.00; 100 lbs., \$45.00.**

Putting-Green Mixture

Our own special formula as furnished all the leading Golf Clubs in America. A mixture of **highest grade** grasses, that will make a close, firm green and lasting turf, which will improve with tramping. **5 lbs., \$4.00; 10 lbs., \$7.50; 25 lbs., \$18.00; 100 lbs., \$70.00.**

Polo Grounds Mixture

A mixture of fine-leaved and deep-rooting grasses, forming a strong and lasting turf that will stand hard usage. No better mixture can be procured for this purpose. **25 lbs., \$11.00; 100 lbs., \$40.00.**

Tennis Court Mixture

A mixture of extra fine grasses peculiarly adapted to Tennis Courts. This mixture will make a firm, green and lasting turf of the finest texture, that will improve with the tramping it receives. Has proved very lasting wherever used. **5 lbs., \$3.25; 10 lbs., \$6.00; 25 lbs., \$14.00; 100 lbs., \$55.00.**

Clover for Lawns

WHITE DUTCH OR LAWN CLOVER (*Trifolium Repens*). This is valuable for pasturage as well as for lawns; it succeeds where other clovers and grasses fail, and it seldom dies out. It can be sown at all seasons, although early spring is best; flowers greenish white. Sow 10 to 12 lbs. per acre if alone, or 5 lbs. if sown on old turf or with other crops. **30c per ¼ lb.; ½ lb., 50c; 90c per lb.; 5 lbs., \$4.25; \$8.25 per 10 lbs.** Prices on White Clover subject to change.

Johnson's Seeds that Produce

**Of Strong
Vitality and
Choice
Selected
Strains**

IN THIS CATALOG we quote all of the standard and most productive varieties of Vegetable and Flower seeds for Home and Market Gardening, as well as most of the "worth while" newer sorts.

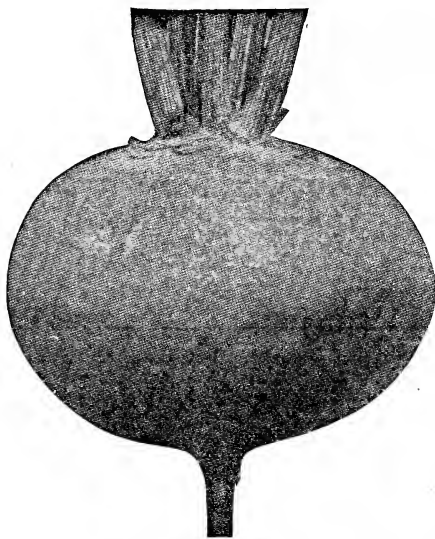
Prices Include Postage on packets, ounces and quarter pounds.

It is Our Aim to handle only reliable stocks such as are true to name and have been tested for germination. We cater to Gardeners who are willing to pay a fair price for stocks of unequalled quality.

Order Early. It is to your interest as well as ours.

**Our Prices are
as Low as
Possible, Con-
sistent with
High Quality**

Novelties and Specialties



Johnson's New Dark Leaved Globe Beet

Johnson's New Dark Leaved Globe Beet

A splendid type of the blood-turnip variety, combining fancy table quality with beautiful globe shape. The dark foliage of this variety is a striking feature, while the corresponding rich, dark color of flesh and beautiful globe shape combine to make it an exceedingly attractive Beet. The quality is sweeter and finer than any other beet we know of. **Pkt., 10c; oz., 25c; ¼ lb., 75c.**

Grow More This Season

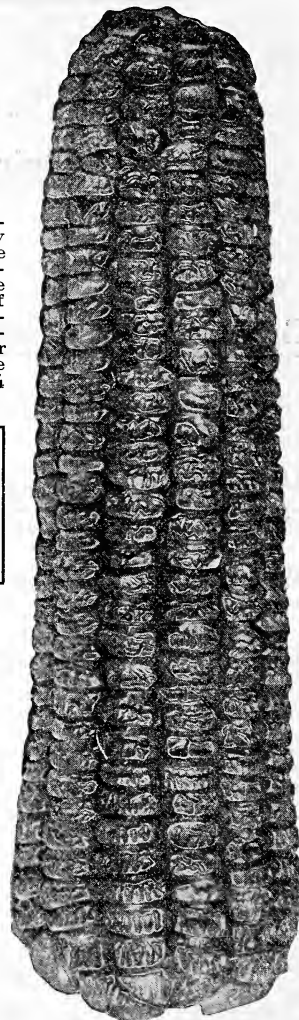
Are you utilizing all that ground of yours? Make it produce MORE. Plant Johnson's "Seeds that Produce," and get results that will well repay you for your time.

Carpinteria Pole Lima Bean

A most desirable pole lima for the home and market garden. The vines are strong growing and vigorous, producing an abundance of fine, large, medium green pods, five to six inches long, usually closely filled with four beans of largest size, much thicker than the average pole lima. The color is distinctive in having a decidedly greenish tint, an indication of very finest quality. When cooked, the beans are very thin skinned, extremely tender and of finest flavor. Seed very large, exceptionally thick, retaining the distinctly green tinge. **Pkt., 15c; ½ lb., 35c; 1b., 60c; 2 lbs., \$1.10; 10 lbs., \$5.00.**

Johnson's New Golden Standard Sweet Corn

This splendid new Sweet Corn is almost identical with De Lue's Golden Giant, but we believe it is slightly larger and fully equal in quality. It is a cross between Golden Bantam and a large white sort, thus combining the rich, buttery flavor of Bantam with the size and tenderness of the longer white parents. Planted in spring at same time as Bantam, the new Golden Standard will just follow the former in being ready for table use. For later successions we recommend using the New Golden Standard altogether on account of its larger size. **Pkt., 15c; ½ lb., 30c; 1b., 50c; 2 lbs., 85c; 10 lbs., \$4.00.**



Johnson's Golden Standard Sweet Corn

Sutton's Masterpiece Bean for Forcing

This bean originated in England, where special attention is given to growing in the greenhouse, and it is a splendid variety for that purpose. The plant makes a healthy growth and produces an abundant crop of large green pods, which are remarkably straight, broad, thick and of excellent quality. We consider this the best variety for growing in the greenhouse, as it is a fast grower and matures the crop at an early season. **Pkt., 15c; ½ lb., 60c; 1b., \$1.00; 2 lbs., \$1.75.**

Johnson's New Saxa**Radish****The Quickest Growing, Round Red Sort**

This desirable, quick growing, red button radish produces its crop in 16 to 20 days. Round as a marble, having a very small top and tap root. The skin is a bright scarlet color, with firm white flesh, which is crisp, brittle and juicy. Adapted for forcing or outdoor planting. **Pkt., 10c; oz., 20c; ¼ lb., 50c.**



New Saxa Radish

Long Season Beet**Tender and Delicious the Whole Season Long**

If you want a beet that will remain tender and sweet all summer long and well into the winter, try the "Long Season."

This is the best table beet we have ever eaten. It makes no difference whether the beets are young or old, small or large, they are **always** tender and good.

This beet grows slowly and should not be depended upon for early use. But when the early beets are tough and poor the Long Season will be found to be of the finest quality, being even more tender than the young early beets. They remain in perfect condition all the rest of the season and retain their fine quality when stored in a cold place for winter use. **Pkt., 15c.**



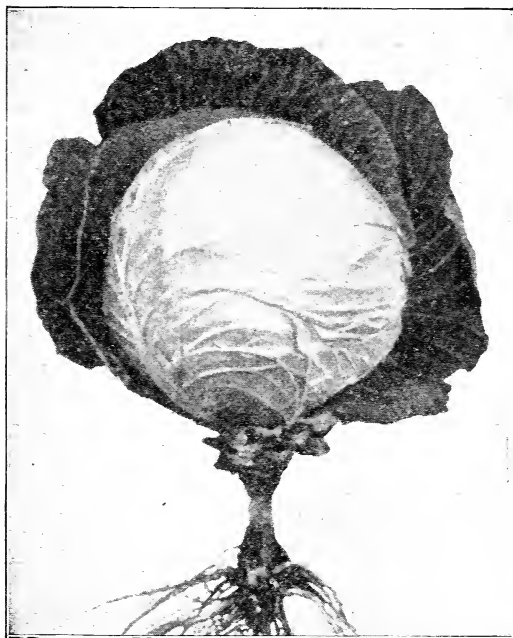
Long Season Beet

**New Extra Early Cabbage
Golden Acre**

Johnson's New Golden Acre excels the Copenhagen Market in earliness, as it matures in only eighty (80) days from date of sowing, and no other Cabbage of which we know has proven as early.

Johnson's New Golden Acre matures about a week sooner than our stock of Copenhagen Market Cabbage and our stock of the latter is now generally conceded to be the only one still as early as when introduced. Johnson's New Golden Acre begins to form heads as soon as the leaves have reached only the size of a saucer and the growth may be observed almost from day to day.

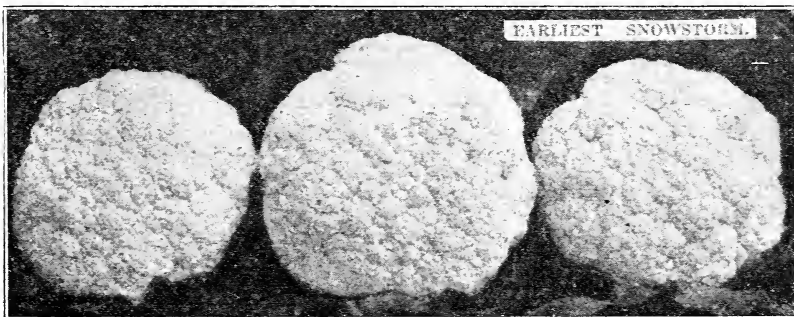
The heads measure nine (9) inches in diameter, or just a little less than the Copenhagen Market. The plant occupies a space of only twenty (20) inches. **Pkt., 15c; ½ oz., 60c.**



New Golden Acre Cabbage

**Johnson's Earliest Snow-
storm
Cauliflower**

Snowstorm is the very best and earliest strain of Cauliflower on the market for forcing. It is a dwarf variety, with short outer leaves, and can be planted close, 2 feet apart each way. It always makes a fine large and exceedingly beautiful snowy white head, much earlier than any other variety. **Pkt., 25c; ¼ oz., \$1.75; ½ oz., \$3.00; oz., \$5.50.**



Johnson's Verifirst Sweet Corn

(See cut)

This new corn is so early that in a comparative test beside ten of the earliest sorts on the market, we found none to come within five days of being ready so soon for table use. It is a real acquisition for those who wish the earliest maturing sort either for home use or the market. Nothing that we know of can approach it for earliness, hardness and delicious flavor. **Pkt., 15c; ½ lb., 30c; 1b., 50c; 2 lbs., 85c; 5 lbs., \$2.00.**

Johnson's New Extra Early Coreless Carrot

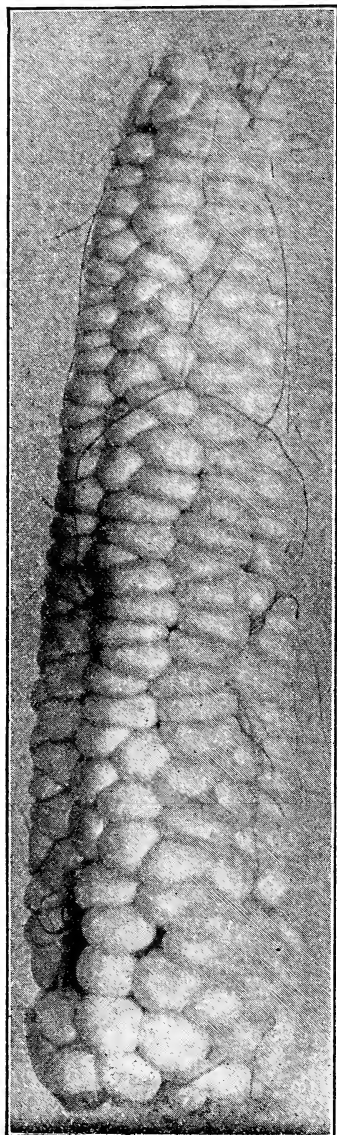
A very fine variety for table use. The carrots are very tender, of mild pleasant flavor, and without any hard core as in some varieties. The shape is ideal for a table carrot, being practically the same size from crown to bottom. The roots grow to a medium size, are very smooth, and of a deep orange-red color all through. The carrots grow rapidly and are excellent for use when either young or full grown. **Pkt., 10c; oz., 25c; ¼ lb., 75c.**

Whipple's Large Early Sweet Corn

**A Splendid Sort to Follow Johnson's
Verifirst**

This is a wonderful new early sweet corn. It matures as early as the small-eared early kinds and has ears that look like Evergreen.

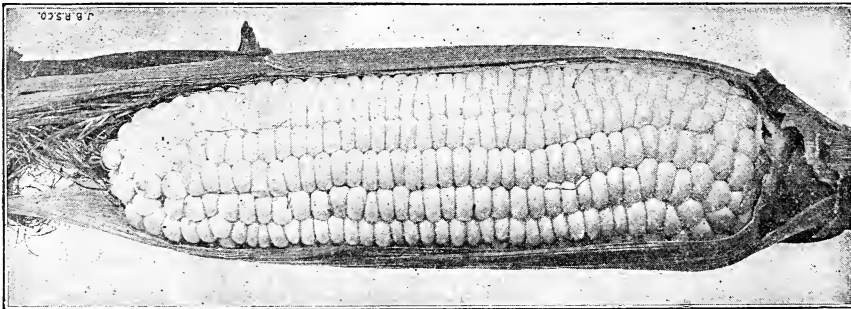
They are tender, very sweet and delicious. No other early white corn is of such fine quality. The ears are 7 to 8 inches long and very large around, as they have 16 to 20 rows of good sized kernels. Each ear is filled right to the tip. The ears look like Evergreen of a fine strain, yet they mature two to three weeks earlier. This corn matures only a few days later than Johnson's Veri-first. It will be like having Evergreen corn two weeks earlier than other people, and getting nearly twice as many dozen per acre, **Pkt., 15c; ½ lb., 30c; 1b., 55c; 2 lbs., \$1.00; 10 lbs., \$4.50.**



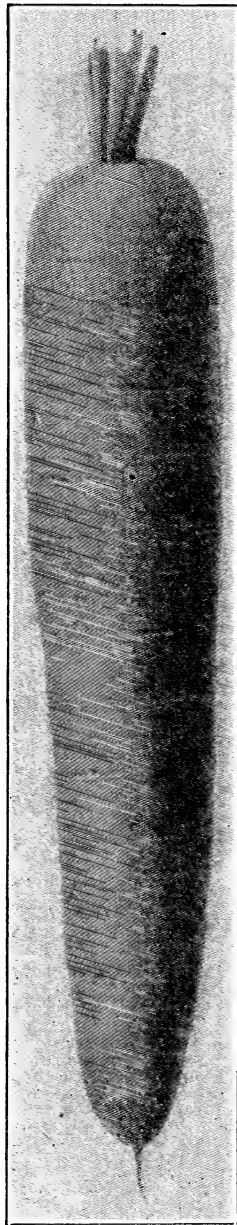
Johnson's Verifirst Sweet Corn

HELPFUL ADVICE WITHOUT CHARGE

Johnson's service does not end when the seeds are sold. Not only have we made this book a helpful guide to planting and cultivation, but should our customers require any special help on seeds, plants and bulbs, our staff of capable, practical experts is available. No charge is made. You are heartily invited to take advantage of this service, and we guarantee prompt and courteous attention.

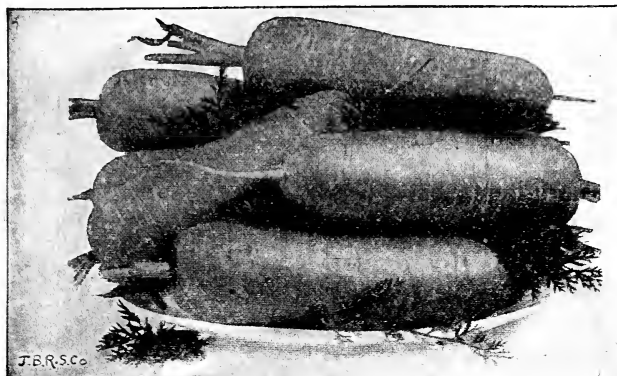


Whipple's Early Sweet Corn



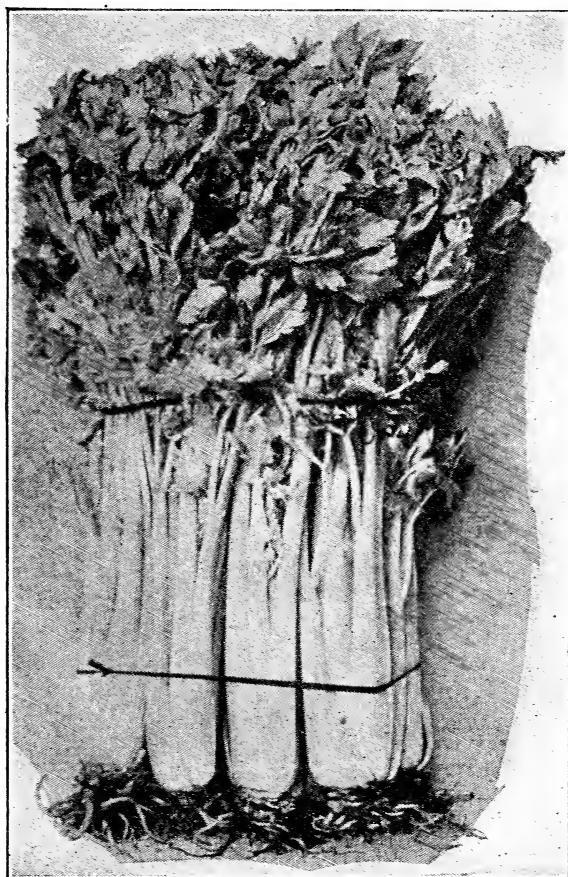
Johnson's New Extra
Early Coreless Carrot

New Table Carrot, Coreless Nantes



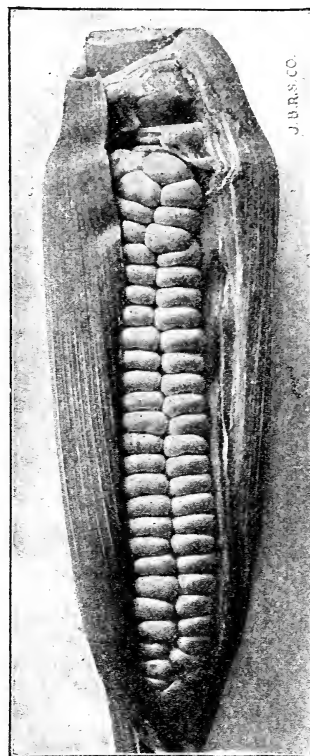
Coreless Nantes Carrot

GARDEN GUIDE (Amateur Gardener's Handbook). edition. This gem covers every step from the preparation of the soil to the preservation of the harvest and we are glad to recommend it to every person who has a lawn to care for, a garden to plant, fruits and ornamentals to prune. Whoever enjoys flowers and wishes to keep them free from insects will appreciate its helpful suggestions. Over 275 illustrations appear on its 384 pages, **postpaid, cloth, \$1.65.**



New Golden Plume or Wonderful Celery

A very fine variety for table use. The carrots are very tender, of mild pleasant flavor, and without any hard core as in some varieties. The shape is ideal for a table carrot, being practically the same size from crown to bottom. The roots grow to a medium size, are very smooth, and of a deep orange-red color all through. The carrots grow rapidly and are excellent for use, when either young or full grown. **Pkt., 10c; oz., 20c; ¼ lb., 60c; 1b., \$2.00, postpaid.**



New Early Dighton

Early Dighton

This new variety is the earliest of all white Sweet Corns, even earlier than the Extra-Early Adams. The stalks are 3 to 4 feet high, with the ear set low down on the stalk. Ears are 6 to 7 inches in length and most all carry 8 rows of grains. The quality is very good for so early a sort. **Pkt., 10c; ½ lb., 25c; 1b., 35c; 2 lbs., 60c, postpaid. By express, not prepaid, 6 lbs., \$1.40; 12 lbs., \$2.50.**

New Golden Plume or Wonderful

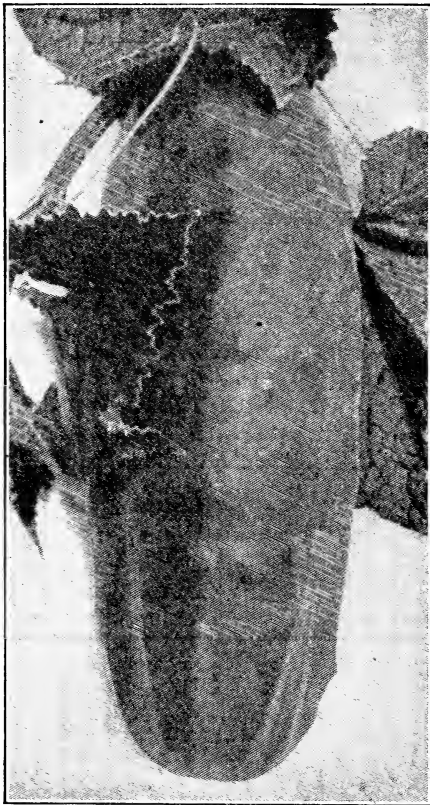
Celery

It is the consensus of opinion of Government and State Authorities as well as the practical market gardeners and celery growers of the country, that this variety of Celery is the best golden self-blanching type yet produced here or abroad. It matures two to three weeks earlier and blanches in half the time of the old self-blanching strains. It has a large, generous, fast-growing heart, is crisp, free from stringiness and attractive in appearance, has a broad, well formed stalk with probably a larger percentage of edible celery than any other variety. Our seed is produced from original stock. **Pkt., 20c; ¼ oz., \$2.50; oz., \$8.50.**

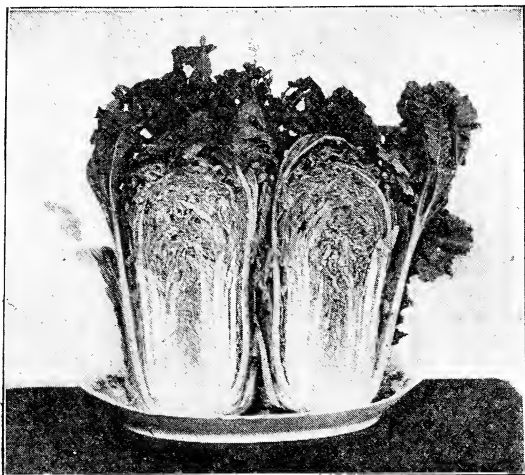
Johnson's First in the Market Cucumber

For over thirty years we have been selecting and breeding up this type of extra early White Spine—the object being to get perfect fruits of "slicing" size into the market at earliest possible date. The color is an attractive dark green and the table quality is unsurpassed. The vines are of vigorous growth and produce abundantly, making them most profitable, both for the earliest "slicers" and when planted in June or July for pickles. When ready for slicing they run from 6 to 8 inches long, very straight and full and tapering abruptly at both ends. This sort is not only very desirable for market gardeners in the north but is much in favor in more southern localities for early shipment to northern markets.

We take special pride in this variety and can highly recommend it. **Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.50.**



Johnson's First in Market Cucumber



Wong Bok Celery Cabbage

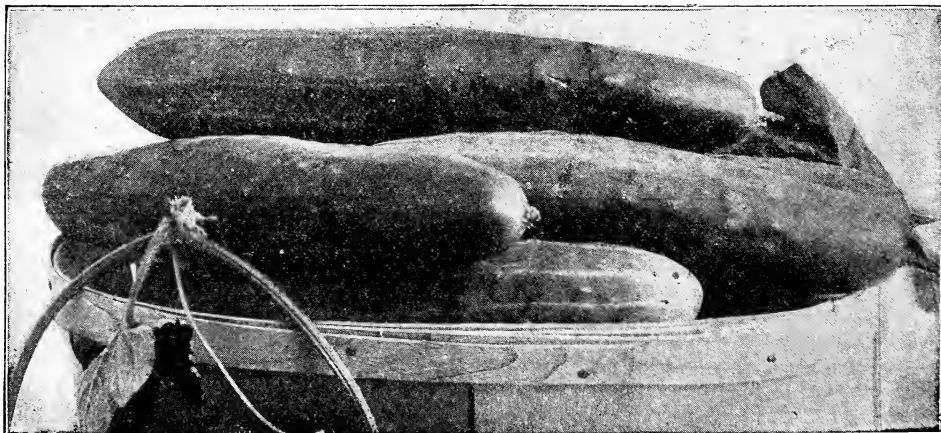
Chinese Cabbage

Wong Bok. The heads of this sort are shorter and of greater diameter than Chihili and average heavier. Wong Bok has beautifully curled leaves of fine quality and is a sure header. **Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., \$1.00; lb., \$3.50, post-paid.**

Chihili. This variety runs very true to type and is less liable to run to seed than other sorts. Length of head is about 16 inches. Outer leaves dark, bluish green, while the inside is creamy white and of fine quality. **Pkt., 15c; ½ oz., 35c; oz., 60c.**

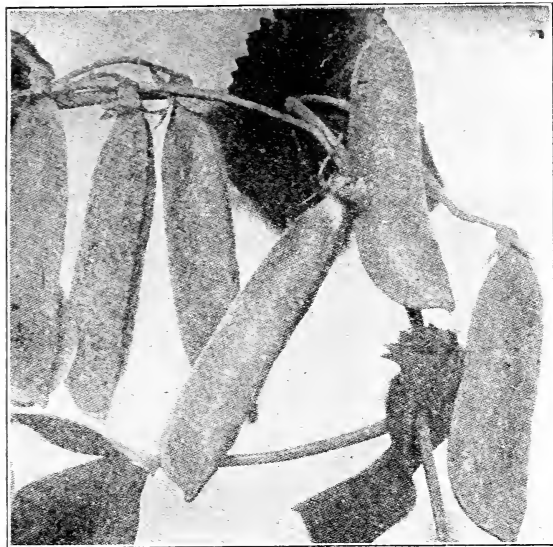
Johnson's Selected Davis Perfect Cucumber

We have spent many years in working up a very fine strain of Davis Perfect in which fine length, slimmness, beautiful dark green color, transparent-like flesh with deliciously cool refreshing flavor, and enjoyable crispness, are distinguishing features and qualities of this, the most popular of the extra long white spine cucumbers. For indoor, and outdoor planting it is most popular. Its extremely vigorous growth makes it the best blight resister of the long sorts. **Pkt., 10c; oz., 20c; ¼ lb., 60c.**



Johnson's Selected Davis Perfect Cucumbers

Delicious Green Peas From June to August



New Extra Early Eight Weeks Peas

Johnson's New Hundred Fold Peas

The Best Early Dwarf Wrinkled Pea

The **New Hundred** is unequalled for its combination of extreme earliness, superb quality, and unusual productiveness. The dwarf vigorous vines average 15 inches in height and carry really **enormous crops** of large, deep bluish green pods. The pods measure 4 to 4½ inches long and are tightly packed with 8 to 10 large, deep bluish green peas. Thousands of our customers would not grow any other variety of peas because they know that **The New Hundred Fold** cannot be excelled in quality and yield by any other dwarf pea. Our stock is extra fine. **Pkt., 15c; ½ lb., 40c; 1 lb., 65c; 2 lbs., \$1.10; 5 lbs., \$2.50; 10 lbs., \$4.50.**

Johnson's New Prizewinner Peas

The Most Superb Table Quality

Johnson's New Prizewinner Pea produces its pods, which are of a rich dark green color, in 68 days from planting. Pods often measure 6 inches in length, and contain from 9 to 11 peas of enormous size, and of most tender and delicious quality. The growth is strong and healthy—about 20 inches high. It is astonishingly productive, and no variety we know of will produce more pods or shell out in greater abundance. The color of foliage and pod is so unusually dark and healthy that it is always noticeable. No lover of peas should fail to grow some of these. **Large pkt., 15c; ½ lb., 35c; 1 lb., 60c; 2 lbs., \$1.00; 5 lbs., \$2.00; 10 lbs., \$3.50.**

Instead of planting only one variety of peas at intervals of 2 or 3 weeks use the following selected varieties and plant all at one time in early spring. This will allow a good root system to develop before hot weather comes. The varieties will bear in the order shown below, beginning about June 20 and keep up a steady succession until late August.

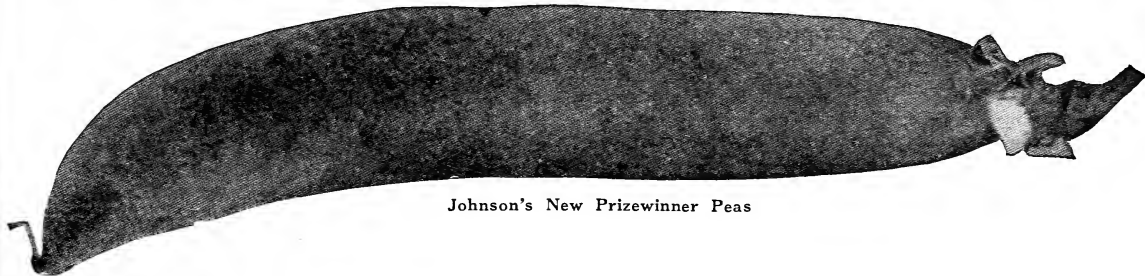
Johnson's New Extra Early Eight Weeks Peas

The earliest of all Peas and of exceptionally good quality for a smooth-seeded variety. Some people plant this variety exclusively, making successive plantings as the season advances, as they have found that it will give a larger yield on a comparatively small space of ground than any other sort. The vines grow 10 to 15 inches high, depending on soil and season.

Early Eight Weeks is a vigorous grower bearing loads of good-sized pods, well-filled with Peas that surpass in quality any of the older extra-early varieties. **Pkt., 15c; ½ lb., 40c; 1 lb., 65c; 2 lbs., \$1.10; 5 lbs., \$2.50; 10 lbs., \$4.50.**



Johnson's New Hundred Fold



Johnson's New Prizewinner Peas

Extra Early Lake Champlain

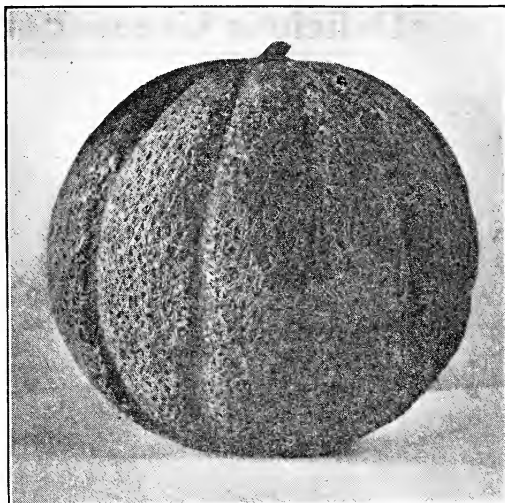
Muskmelon

This Wonderful New Muskmelon Produces Most Delicious Fruit 57 Days from Planting

Lake Champlain is a medium sized melon, nicely netted, flesh deep, sweet and melting, of golden yellow color. The plant is very vigorous and healthy, setting and ripening melons even under adverse conditions, which totally destroyed other varieties. It is a marvel of productiveness. Another year has added to the popularity of this great melon.

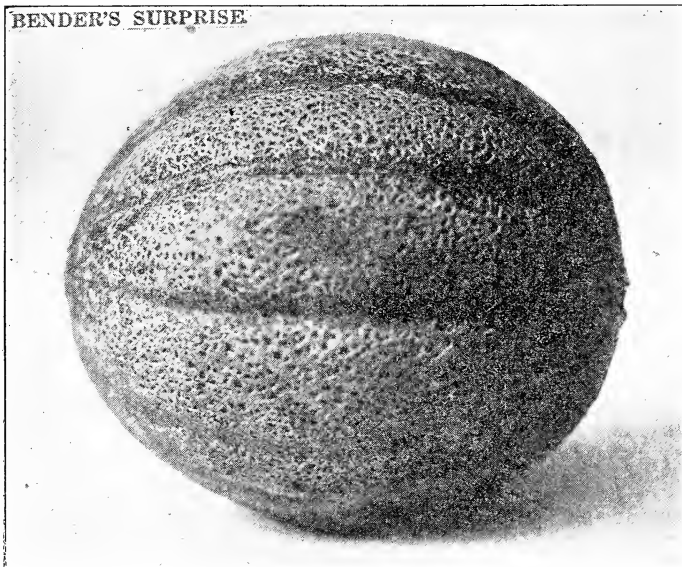
The originator of this variety writes as follows: "It blossoms when the vines are less than 12 inches long, and sets its fine healthy first crop of 8 to 10 melons right around the roots. While these extra early fruits are ripening, the vines continue to grow in length, and they in turn produce another and sometimes a third setting of fine fruits—making it not only the very earliest variety, but a continuous producer."

Being a marvel of earliness, productiveness and quality, it will at once prove profitable to either the home or market gardener. **Pkt., 10c; ½ oz., 15c; oz., 25c; ¼ lb., 75c.**



Lake Champlain Muskmelon

BENDER'S SURPRISE



Bender's Surprise Muskmelon

Bender's Surprise

Muskmelon

We do not know of any large muskmelon or cantaloupe quite equal to the Bender melon. It has exquisitely fine flavor; it grows to a large size and the melons are very firm and keep for a week after being picked.

The Bender melon ripens medium early. In a favorable season if planted in the open ground the middle of May, the melons will ripen the last of August.

The flesh is deep orange colored, very thick, deliciously sweet and of high flavor. The melons are of oval shape, light green with coarse netting. When ripe the melons turn a golden tint which shows through the netting and gives the fruit a very attractive appearance.

The size of the melons averages quite large, many weighing 10 pounds. We have had melons that weighed 16 pounds each.

We offer seed of our own growing, and of a very fine selected strain. **Pkt., 10c; oz., 25c; ¼ lb., 65c; lb., \$2.00.**

Johnson's Bouquet Parsley

This New Parsley is so beautifully curled and crested that we have felt justified in calling it "**Bouquet.**" Without doubt it is the most ornamental variety grown—and hence for garnishing has no equal. It is of dwarf, compact habit of growth, and its color is a most pleasing shade of green. **Pkt., 10c; ½ oz., 25c; oz., 45c.**

Pumpkin Winter Luxury

Rich, Sweet Flavor. Makes Good Pies Without Eggs. The color of the skin is similar to that of the Golden Russet Apple. Flesh yellow and very thick. Quite early, surprisingly productive, and a rapid and hardy grower. The very finest for pies, making good ones even when eggs are not used. Size, 8 to 10 inches in diameter. **Large pkt., 10c; oz., 25c; ¼ lb., 65c.**



Johnson's Bouquet Parsley

GENERAL LIST

Johnson's High Grade Vegetable Seed

For Home and Market Gardens

Asparagus Seed

One of the finest and most delicious vegetables in Spring. No garden is complete without an Asparagus bed. Can be grown in any good garden soil and prefers sunny, moist location.

Argenteuil. Very popular in France, and extensively grown for the Paris market. The stalks grow to a mammoth size, sometimes weighing as much as 4 ounces each. Pkt., 5c; oz., 10c; ¼ lb., 25c.

Palmetto. Earlier and larger than Colossal. Pkt., 5c; oz., 10c; ¼ lb., 25c.

New Washington Rustproof. Produces large straight shoots, dark green in color. The tips are tight and firm and do not begin to open out until well out of the ground, making the finest kind of Asparagus for both market and home. Those who desire to save time in bearing will do well to order our strong two-year-old roots instead of seed. Pkt., 10c; oz., 20c; ¼ lb., 50c; 1 lb., \$1.60.

Asparagus Roots

We offer strong two-year-old roots of the following varieties: **Argenteuil, Palmetto, and Conover's Colossal.**

Any of the above Asparagus. 30c per doz.; \$1.60 per 100; \$6.50 per 500; \$12.00 per 1,000.

Cultural Notes on Asparagus free on application.

Washington Roots. 65c per doz.; \$2.75 per 100; \$16.00 per 1,000.

Artichoke

Jerusalem. (Tubers.) Qt., 35c; pk., \$1.75; bu., \$4.50.

Large Globe. (Seed.) The flower heads are cooked like Asparagus. Pkt., 10c; oz., 60c; ¼ lb., \$1.75; 1 lb., \$5.50.

Beans—(Bush) Wax or Yellow Poddied Varieties

Culture. Bush Beans may be had throughout the season by planting at intervals of two weeks, from the beginning of May until the middle of August; they should be planted in drills two feet apart, one seed every six inches covered one inch deep.

Wardwell's Kidney Wax. A very popular variety of Wax Bean, bearing long, flat pods of a delicate waxy yellow, stringless and brittle, producing a heavy crop. The pods mature a little later than Golden Wax, but are produced in great abundance. Pkt., 10c; ½ lb., 25c; 1 lb., 45c; 2 lbs., 80c; 10 lbs., \$3.25.

Davis Kidney Wax. The handsomest of all the early Wax Beans. The pods are long (seven inches), straight, very uniform and clear waxy white. Pkt., 10c; ½ lb., 25c; 1 lb., 45c; 2 lbs., 80c; 10 lbs., \$3.25.

Improved Golden Wax. Counted by many to be superior to all others. This bean, introduced in 1876 still continues the standard variety for home use. The pods are long, nearly straight, broad, half-round, golden yellow, very fleshy and wax-like. They cook quickly as snap beans, and are of the highest quality. Pkt., 10c; ½ lb., 25c; 1 lb., 45c; 2 lbs., 80c; 10 lbs., \$3.25.

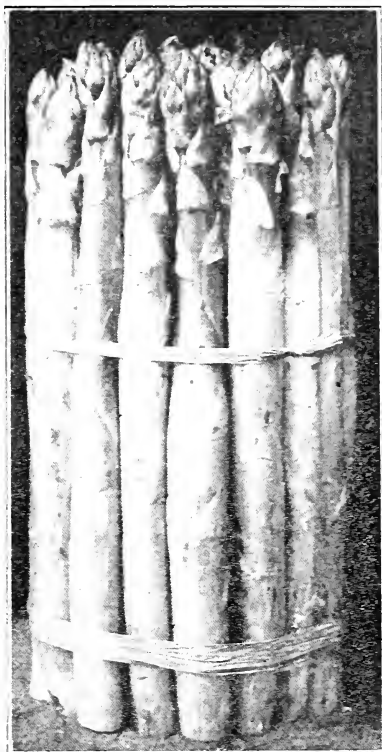
Pencil Pod Black Wax. (Cylinder Pod.) Dwarf bush growth and very prolific, one of the earliest. Pods four to five inches in length, quite round; meaty, brittle, and stringless; deep golden yellow; of excellent flavor. Pkt., 10c; ½ lb., 25c; 1 lb., 45c; 2 lbs., 80c; 10 lbs., \$3.25.

Currie's Rust-Proof Wax. An improvement on the old-fashioned Golden Wax, and ready about mid-season. Pods grow long, flat, very tender and of finest quality. Pkt., 10c; ½ lb., 25c; 1 lb., 45c; 2 lbs., 80c; 10 lbs., \$3.25.

New Kidney Wax. Robust in growth and very prolific with long pods, entirely stringless, fleshy, and of fine quality. Pkt., 10c; ½ lb., 30c; 1 lb., 55c; 2 lbs., \$1.00; 10 lbs., \$4.50.

Hodson Wax. A distinct Wax Bean of unusually healthy growth, which enables it to resist disease. The variety is remarkably prolific, with straight, oval pods. In season it follows Wardwell's Kidney Wax and other standard sorts, thus giving a succession. On this account and because of its remarkable productiveness and beauty it is becoming very popular. Pkt., 10c; ½ lb., 25c; 1 lb., 45c; 2 lbs., 80c; 10 lbs., \$3.50.

Sure-Crop Stringless Wax. A valuable variety of Dwarf Wax Bean which, while not related to the well-known Currie's Rust-proof Wax, bears a great resemblance to it in plant and seed. It is very productive, bearing large, handsome golden yellow pods in great abundance. Pkt., 10c; ½ lb., 30c; 1 lb., 55c; 2 lbs., \$1.00; 10 lbs., \$4.50.



Hodson Wax Beans

Beans—Green Podded Bush Varieties

Earliest Red Valentine. This variety is usually ready to pick in 35 days from time of planting. Pkt., 10c; ½ lb., 25c; 1 lb., 45c; 2 lbs., 80c; 10 lbs., \$3.50.

Black Seeded Valentine. This variety is valuable because it withstands considerable cold damp weather and hence may be planted very early. The pods are round, very fleshy and entirely stringless. Pkt., 10c; ½ lb., 25c; 1 lb., 45c; 2 lbs., 80c; 10 lbs., \$3.50.

Bountiful. This one is the best of the flat-podded stringless varieties. The light green pods are 6½ to 7 inches long, flat, slightly curved, absolutely stringless, attractive and of very fine quality. At the same time it is very early, vigorous, hardy and a heavy yielder. Pkt., 15c; ½ lb., 35c; 1 lb., 65c; 2 lbs., \$1.10; 10 lbs., \$5.00.

Giant Stringless Green Pod. This Bean is absolutely stringless. Fine, large, round, fleshy, tender pod. As early as Six Weeks, with the advantage of being a better cropper. The plants are of strong growth, very productive, pods 5 inches long, light green, slightly curved, very meaty, being broadly rounded, saddle backed and absolutely stringless. Pkt., 10c; ½ lb., 25c; 1 lb., 45c; 2 lbs., 80c; 10 lbs., \$3.50.

Refugee, or Thousand to One. Very tender and productive. Splendid for late planting. Pkt., 10c; ½ lb., 25c; 1 lb., 45c; 2 lbs., 80c; 10 lbs., \$3.50.

Burpee's Stringless Green Pod. This Bean is very early, productive, hardy and vigorous; the pods average about 5 inches long, straight, stout, round, crease-backed, and of a dark green color. They are tender, brittle, of the finest flavor and quality, and strictly stringless. Pkt., 10c; ½ lb., 25c; 1 lb., 45c; 2 lbs., 80c; 10 lbs., \$3.50.

Dwarf Horticultural. (Roma.) The young green pods are tender and of good flavor, slightly curved, 5 inches long, colored greenish yellow, speckled with carmine. Pkt., 10c; ½ lb., 25c; 1 lb., 45c; 2 lbs., 80c; 10 lbs., \$3.50.

Full Measure. A fine stringless, early, medium green, high quality bean. Pods straight, 6 inches long, very fleshy, round, crease-backed and showing depressions around the beans. Season with Burpee's Stringless. Seed bean much resembles Red Valentine. Pkt., 15c; ½ lb., 35c; 1 lb., 65c; 2 lbs., \$1.10; 10 lbs., \$5.00.

Improved English Broad Windsor. Large and productive, bushy habit; well podded from top to bottom of stem. Pkt., 15c; ½ lb., 40c; 1 lb., 70c; 2 lbs., \$1.30; 10 lbs., \$5.50.

Baking Varieties

Red Kidney. This variety is extensively used by many people for baking. We have a prolific type that is very desirable. Pkt., 10c; ½ lb., 20c; 1 lb., 35c; 2 lbs., 60c; 10 lbs., \$2.50.

White Kidney. Excellent shell Bean. Pkt., 10c; ½ lb., 20c; 1 lb., 35c; 2 lbs., 60c; 10 lbs., \$2.50.

Improved Boston Pea or Navy. Choicest Northern grown seed. Pkt., 10c; ½ lb., 20c; 1 lb., 35c; 2 lbs., 60c; 10 lbs., \$2.50.

White Marrow. Fine early shell beans. Pkt., 10c; ½ lb., 20c; 1 lb., 35c; 2 lbs., 60c; 10 lbs., \$2.50.

Pole or Running Beans

Culture. A warm, sandy loam, enriched with well rotted stable or poultry manure is best. Must not be sown until the ground is warm and dry. When poles are used for support they should be set not less than 4 feet apart each way. Plant 4 to 6 beans to a pole, eyes down 2 inches deep. When well started thin out to 2 plants to a hill. Cultivate freely, but shallow. Use 1 quart to 100 hills, 20 quarts to the acre.

Golden Cluster. One of the earliest wax Pole Beans. Vines large, strong, vigorous; pods 6 to 8 inches long in clusters, thick and fleshy; bright golden yellow. Dry Beans white and nearly round. Pkt., 10c; ½ pt., 25c; pt., 40c; qt., 75c.

Kentucky Wonder or Old Homestead. Excellent flavor and enormously productive; entirely stringless and of a silvery green color. About ten days earlier than any other green-pod sort. Beans are rather small, oblong and of a yellowish brown color. Pods are green. Pkt., 10c; ½ pt., 20c; pt., 35c; qt., 60c.

Kentucky Wonder Wax. A yellow-podded "Kentucky Wonder," which bears a large quantity of rich golden yellow pods. The plant is exceedingly productive. Pods are thick, meaty, stringless, tender and of fine flavor. Pkt., 10c; ½ pt., 25c; pt., 40c; qt., 75c.

Pole Lima Beans

Carpinteria Pole Lima. The most perfect pole Lima Bean in existence. The Beans have a greenish tint, an indication of good quality. The vines are vigorous and make strong growth, producing a large quantity of Beans in a fairly large pod, which are thicker than the ordinary Lima and retain their color. Pkt., 15c; ½ lb., 35c; 1 lb., 60c; 2 lbs., \$1.10; 10 lbs., \$5.00.

Siebert's Early Lima. The earliest of the Pole Limas. Pkt., 15c; ½ lb., 35c; 1 lb., 60c; 2 lbs., \$1.10; 10 lbs., \$5.00.

Early Leviathan Lima. Extra early and very popular. Pkt., 15c; ½ lb., 35c; 1 lb., 60c; 2 lbs., \$1.10; 10 lbs., \$5.00.

King of the Garden Lima. A popular sort for main crop. Pkt., 15c; ½ lb., 35c; 1 lb., 60c; 2 lbs., \$1.10; 10 lbs., \$5.00.

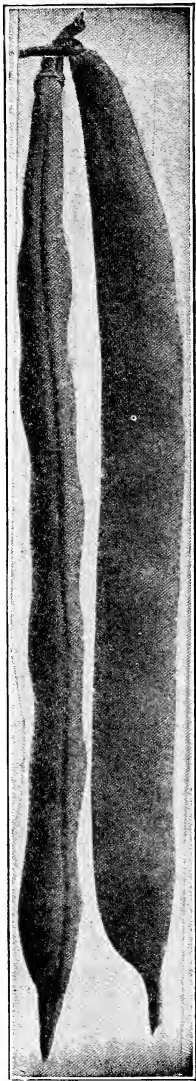
Large White Lima. The old standby. Pkt., 15c; ½ lb., 35c; 1 lb., 60c; 2 lbs., \$1.10; 10 lbs., \$5.00.

Bush Limas

Bush Limas may be planted in rows 3 feet apart and 6 inches distant in the row, when soil is nice and warm.

Fordhook Bush Lima. Both pods and Beans much larger than those of any other Potato Lima. Habit of plant a strong, erect, bush-like growth. Pods borne in clusters of from four to eight, averaging four Beans to the pod. Exceedingly productive and of best quality. The best bush type of the popular Potato Lima. Pkt., 20c; ½ lb., 40c; 1 lb., 75c; 2 lbs., \$1.25; 10 lbs., \$5.50.

Burpee Improved Bush Lima. This is superior to any of the older forms of Bush Lima. Plant very vigorous and upright, attaining a height of 30 inches and 24 inches across. Pods often borne in clusters of five to eight and of enormous size. Beans are larger than those of any other variety; immensely productive and of the very best quality. Matures earlier than others. Pkt., 20c; ½ lb., 40c; 1 lb., 75c; 2 lbs., \$1.25; 10 lbs., \$5.50.

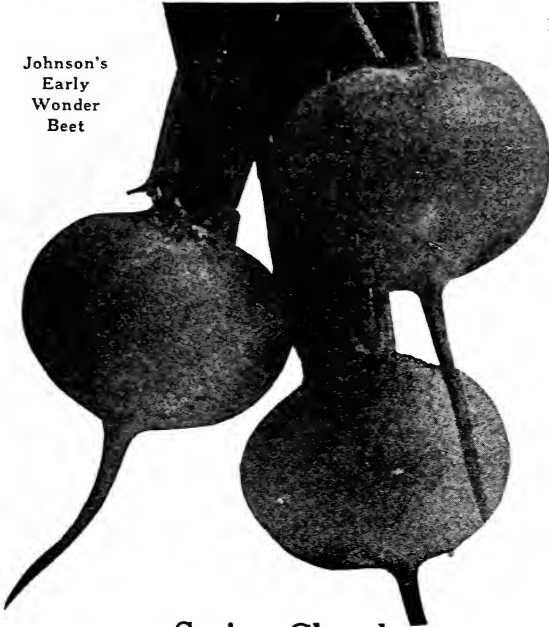


Bountiful Bush Bean



Fordhook Bush Lima Bean

Johnson's
Early
Wonder
Beet



Swiss Chard

New Giant Lucullus. A delicious variety having green leaves which are remarkably crimped and curled like savoy-leaved cabbage. Pkt., 10c; oz., 25c; ¼ lb., 50c; lb., \$1.50.

Large-Ribbed White. This variety is largely grown for the broad white leafstalks which, when bunched and cooked in the same manner as asparagus, make a delicious summer vegetable. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.25.



Giant Feeding Sugar Beet

BARBARIETOLA

GARDEN BEETS BURAKI

One ounce will sow 50 feet of row; 7 pounds will plant an acre.

For early supply sow as soon as the ground is in working order, in drills sixteen inches apart and one inch deep. When the plants are well up, thin to four inches. For succession sow until August 15th.

Johnson's New Dark Leaved Globe. This new Beet is recommended for table quality. (See Specialties, page 4.)

Johnson's Long Season Beet. See page 5.

Crosby's Improved Egyptian. A very superior Extra Early strain of Garden Beet which has been carefully selected for years. This beet excels in handsome form, good size, small tops, very small tap root, fine quality, and above all quick, rapid growth. We highly recommend it. Pkt., 10c; oz., 25c; ¼ lb., 45c; lb., \$1.25.

Johnson's New Wonder. This Beet is the result of many years of expert selection with a special strain of Crosby's as a basis. In this new beet we have perfect form, small tops and tap root, beautiful color, and extra early maturity. For forcing and bunching it is unequaled by anything on the market while the rich color, tenderness and flavor of the flesh make it extremely desirable on the table. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50.

Detroit Dark Red. One of the very best sorts for the home or market garden, and for canning purposes. Roots uniformly smooth, of medium size, and globe-shaped; skin dark red, flesh solid Vermillion red; tops small, upright, dark green shaded red. Our special stock of this variety shows no white zones in the flesh. Pkt., 5c; oz., 20c; ¼ lb., 45c; lb., \$1.25.

Extra Select Eclipse. Flesh deep blood red, firm and sweet. Pkt., 5c; oz., 20c; ¼ lb., 45c; lb., \$1.25.

Improved Early Blood Turnip. Good form, dark red, well flavored; a favorite for Summer and Winter use. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.25.

Long Smooth Blood. Withstands drought, very dark red. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.25.

New Crimson Globe. Color is deep blood red; fine grained, and of unsurpassed quality. The foliage is small—leaves all grow from a very small crown in the top of the bulb. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.25.

Mangel Wurzel

Sow in May or June in drills 2 feet apart. When well started thin to 9 inches apart in the row. Cultivate shallow and often.

Golden Tankard. The root is quite large and of an almost cylindrical shape; narrowing abruptly at both ends. The skin is deep orange red. Pkt., 10c; oz., 20c; ¼ lb., 40c; lb., \$1.00; in 10 lb. lots, 90c per lb.

Giant Long Red or Mammoth Prize. This is the largest of all the Mangels. The root is 15 to 18 inches long, over 6 inches thick, and with a heavy shoulder. It grows one-half above the ground and is easily pulled. Pkt., 10c; oz., 20c; ¼ lb., 40c; lb., \$1.00; in 10 lb. lots, 90c per lb.

Giant Feeding Sugar. The root of this variety is very large, smooth, and clean, of oval shape, growing one-half out of ground and is easily pulled. The skin is rose white with a deeper rose-colored tip. A heavy cropper. Pkt., 10c; oz., 20c; ¼ lb., 40c; lb., \$1.00; in 10 lb. lots, 90c per lb.

Sugar Beets

Vilmorin's Improved. The finest variety grown. Highest in nutritive value and in percentage of sugar. Very regular in shape; yields large crops and is recommended for most soils. Pkt., 10c; oz., 20c; ¼ lb., 40c; lb., \$1.00; in 10 lb. lots, 90c per lb.

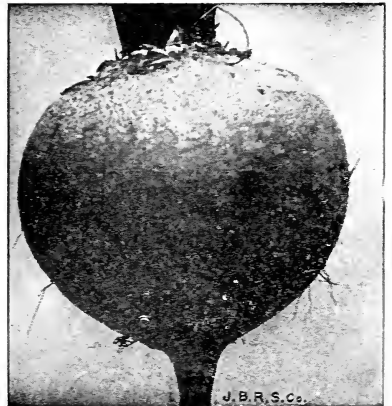
Broccoli Hardier than Cauliflower.

Culture. Should be treated the same as cauliflower, which it resembles. Grows larger and taller. A packet will produce about 250 plants, about 3,000 plants to an ounce.

White Cape. The large white heads are handsome; of delicate cauliflower flavor. Matures its heads in 150 days. Pkt., 10c; ½ oz., 40c; oz., 75c.

Brussels Sprouts

Culture. Same as late Cabbage.
Half Dwarf Paris Market. A dwarf variety, producing numerous heads. Pkt., 10c; oz., 35c; ¼ lb., \$1.00.



Detroit Dark Red Beet



Johnson's Improved Danvers Half Long Carrots

CAROTA **CARROT** MARCHEW

Sow in early spring in drills 15 to 18 inches apart, finally thinning the plants to 3 to 4 inches. If sown early on a moist soil, a half-inch is deep enough to cover the seed. The seed is slow to germinate. Keep clean by frequent hoeing and weeding. If neglected, the young plants are easily smothered, and the crop is lost.

One ounce sows 100 feet of drill; 4 pounds sow one acre

For Table Use

Johnson's New Extra Early Coreless. (See page 6.)

Improved Chantenay. (See illustration.) A popular and profitable sort to raise for city markets. It is about 6 inches long, thick through, and decidedly stump-rooted. In size it is between the Oxheart and Danvers. The flesh is a deep orange-red, fine-grained, and of an excellent flavor. It is very early and always produces smooth, shapely roots. Its fine appearance finds for it a ready market; its splendid table qualities keep it in demand. Our strain of seed is unsurpassed. **Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.40, postpaid.**

Oxheart or Guerande. Intermediate length; is 3 to 5 inches in diameter, quality extra good. Some sorts require digging but the Oxheart can be easily pulled. It is especially adapted to shallow soils where the longer sorts would not thrive as well. **Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.40, postpaid.**

Coreless Nantes Half-Long (Stump-rooted). Sweet and fine flavored, almost without a core, very fine grained, excellent for the home-garden or market. One of the finest in quality and handsomest in shape of the medium-sized sorts; about 6 inches long. **Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$2.00, postpaid.**

Early Scarlet Horn. For forcing and early garden use; flesh deep orange, fine grained; agreeable flavor; small top, stump-rooted; about 3 inches long. **Pkt., 10c; oz., 20c; ¼ lb., 45c, postpaid.**

Early Market. A very choice strain, with tender, fine-grained flesh, and an enormous producer of handsome, uniform stumped roots. Free from core and of a deep golden yellow color. An excellent forcing sort. **Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.50.**

Improved Danvers (Half-Long). (See illustration.) The best for general crop. Will yield the most per acre. Most profitable for market-gardeners; stump-rooted. It is grown largely everywhere on account of its productiveness and adaptability to all classes of soils. Tops medium size, roots deep orange, large, but of medium length, tapering uniformly to a blunt point. Smooth and handsome flesh; sweet, crisp and tender. Although of medium length, it is one of the largest yielders, and while this is one of the leading table sorts, it is also used a great deal for stock feeding. **Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.40, postpaid.**

Hutchinson. A variety that was developed by selection from the Danvers Half-Long. It has slightly darker orange skin, grows an inch or two longer, but differs from the Danvers in that it carries its fullness well down to the end, making it decidedly stump-rooted. Hutchinson is a heavy yielder and its attractive appearance commands ready sales. **Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.65, postpaid.**

Improved Long Orange. The standard late variety; very handsome and uniform in shape; roots are of deep orange color, good flavor; yields very heavily. Requires a deep soil. The roots are smooth, fine-grained and very large, growing to 1 foot in length and 3 inches in diameter. **Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.35, postpaid.**

For Stock Feeding

Too much cannot be said in praise of the Carrot as a wholesome addition to the winter feed for stock, apart from its great value as a vegetable for table use. The splendid roots make a most desirable change of feed for your cattle when given in connection with grain and dry fodder. The following varieties are especially adapted to stock feeding.

Improved Short White. Very large, half-long roots; 7 to 9 inches long; nearly white. It is the heaviest cropper known. **Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.25, postpaid.**

Large White Belgian. A heavy cropping sort, growing about 12 to 16 inches in length; white below the ground, green above. **Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.25, postpaid.**

Special prices on Carrot seed in quantity.



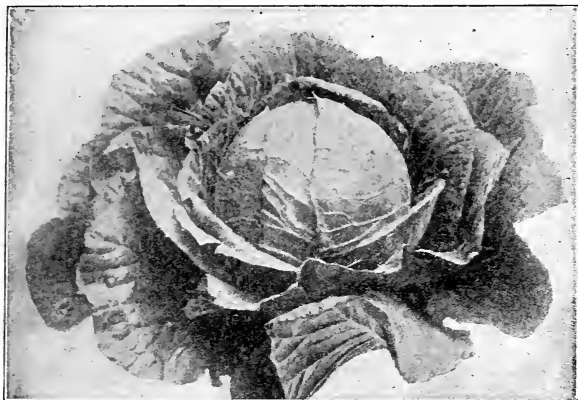
Johnson's Improved Chantenay Carrot

CAVOLA
CAPPUCCIO**CABBAGE**

KAPUSTA

One ounce will produce 1,500 plants; ½ pound will plant an acre

For very early use sow in January or February in hotbeds, or sow in hotbeds in March. Transplant to the open ground when danger from killing frost has passed, in rows 2 feet apart and 18 inches from plant to plant. For succession sow in the open ground the last of March or early in April. The autumn and winter varieties may be sown early in May in shallow drills 3 or 4 inches apart; transplant early in July, making the rows about 2½ feet apart, and setting the plants 2 feet apart in the rows.



Copenhagen Market Cabbage

For Second-early and Main Crop

All Head Early. The leading second early sort, large, uniform, very solid, and plants are of compact growth. It may also be planted late for fall and winter use, as it is a good keeper for a 110-day variety. A good kraut cabbage. Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., \$1.00.

All-Seasons, Selected (Vandergaw). A mid-season Drumhead with heads of the largest size and as its name implies can be planted either for early or late crop. A remarkably good keeper for a so early maturing variety. Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.00.

Early Drumhead. Produces a good large, round head following Charleston Wakefield. A variety that stands summer heat well. Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.00.

Early Summer. A reliable second early, which matures about ten days after All Head Early. It makes a medium size, solid, flat head, with short outer leaves, which admit of close planting in the field, and is a good keeper. One of the best we offer. Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.00.

Succession. A second early round, somewhat flat-headed sort, of very fine texture and quality. Comes in a few days after Early Summer, and is larger. Equally useful for both home and market garden. Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.00.

Savoy Cabbage

Perfection Drumhead Savoy. The largest solid-heading Savoy. The plants are strong and vigorous. In flavor, Savoy cabbage is quite unique, preferred by many connoisseurs to any other cabbage, and we highly recommend it. Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.25.

Red Cabbage

Large Red Drumhead. A large-heading variety, largely used for "slaw" and pickling. Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.25.

Mammoth Rock Red. A sure-heading sort, round and solid. Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.25.

The Best Early Varieties

Johnson's New Golden Acre Cabbage. See page 5.
New Chinese Cabbage, Wong Bok. See page 8.

Copenhagen Market

This most valuable early Cabbage from Denmark produces a large globe-shape head, which comes into market along with Early Jersey Wakefield. It is well known that Denmark is a great Cabbage and Cauliflower country, and our seed comes direct from the originator. Produces fine, large heads uniform in shape and size and very solid, with few loose leaves. Vigorous grower and an excellent keeper. Pkt., 10c; ½ oz., 35c; oz., 65c; ¼ lb., \$2.25.

Select Early Jersey Wakefield. The standard early variety, conical in shape; medium-sized heads; very solid. Pkt., 5c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.25.

Glory of Enkuizen. Standard early variety of round-headed type; grown to good size. Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.50.

Charleston Wakefield. Not quite as early as the regular Jersey Wakefield, but the heads are considerably larger, very solid. Pkt., 5c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.25.

Late Winter Sorts

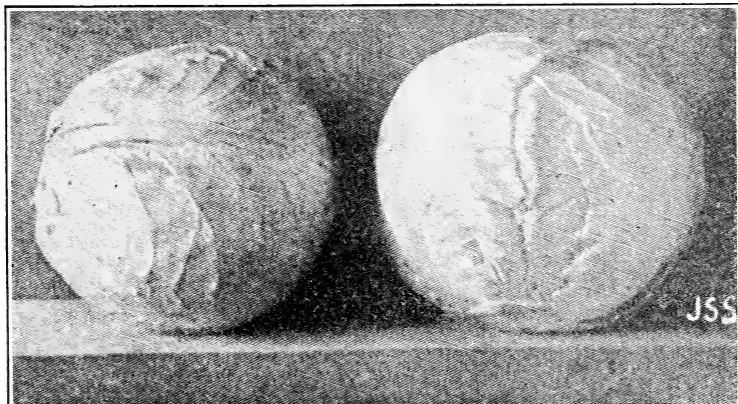
Bugner's Late Winter. A much better keeper than the Ballheads, more solid and freer from cabbage diseases. Deep bluish green in color. Pkt., 10c; oz., 40c; ¼ lb., \$1.25.

Autumn King, or World Beater. Latest of all. Heads large size, solid, of fair quality and keep well. Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., \$1.00.

Danish Ball Head, Short Stem. The leading late variety in many sections, and a fine sauerkraut cabbage. Heads average ten to twelve pounds, are round, fine keepers. The strong growth and its good quality make it a most valuable Cabbage. Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.25.

Danish Roundhead. Another good sauerkraut variety, slightly earlier than Ball Head, with a shorter stalk, and very hard. The interior leaves are pure white and of sweet flavor. Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.25.

Selected Late Flat Dutch. The heads are flat and grow remarkably large, even and very solid, and the quality is unsurpassed. Makes a slow growth, but is a sure heading sort. Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.25.



Danish Ball Head Short Stem Cabbage

CAULIFLOWER

CAVOLOFIORE—KALAFIORY

One ounce will produce 1000 plants

Cauliflower succeeds well in any soil where Cabbage will grow. It delights in a rich soil and abundance of water. By sowing the early varieties in a hot-bed in February or March, fine heads can be obtained in May or June. For a later supply sow seed in a prepared bed in May, choosing a cool, moist place. When large enough, transplant, making the rows about 2½ feet apart and 18 inches between the plants. Transplanting should be done in moist weather.

JOHNSON'S EARLIEST "SNOWSTORM."

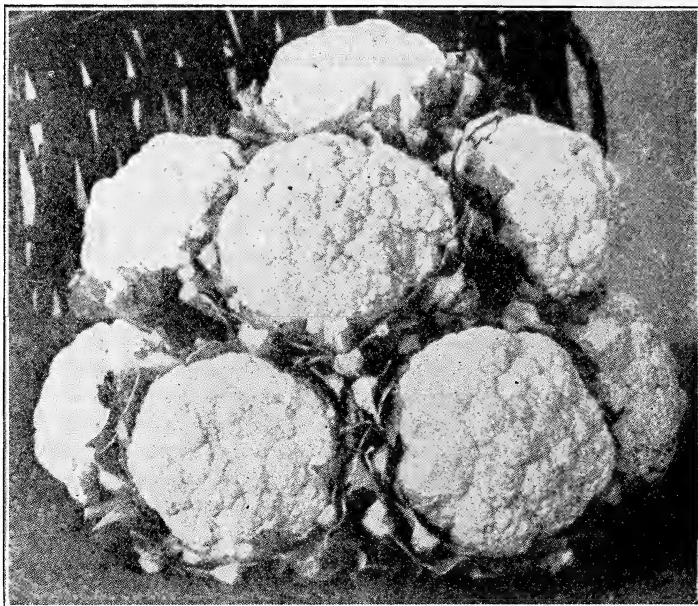
See page 5.

Johnson's Gilt Edge Snowball. It is very early, of large uniform size, and as well adapted for late planting as for early. The heads are pure white and grow very solid and compact. We recommend this as the very best variety for outdoor culture on account of its earliness, vigorous growth, handsome appearance and high quality. **Pkt., 25c; ¼ oz., 75c; ½ oz., \$1.40; oz., \$2.65; ¼ lb., \$9.50.**

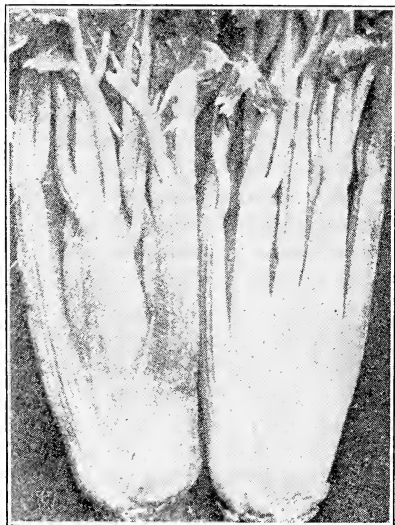
Early Dwarf Erfurt. This is a very reliable and popular variety when our select seed is used. We handle only the best seed grown. Heads very white, compact and close. **Pkt., 15c and 25c; ¼ oz., \$1.00; ½ oz., \$1.75; oz., \$3.00.**

Danish Giant or Dry Weather. Quite early and will succeed when other sorts fail. **Pkt., 25c; ¼ oz., \$1.75; ½ oz., \$3.00; oz., \$5.00.**

Early Favorite. This is a second early, exceedingly hardy, easily grown sort. It is perhaps the best sort for the inexperienced grower, as it will head under conditions in which many sorts would fail. The large heads are crisp, tender and of fine quality. **Pkt., 15c; oz., \$1.50; 2 oz., \$2.50; ¼ lb. \$4.50.**



Gilt Edge Snowball Cauliflower



New Easy Blanching

Celeriac

Giant Smooth Prague. Culture the same as for Celery, excepting that as the roots are the edible portion, it requires no hilling. Roots large, smooth, globular in shape. Flesh pure white, tender and of excellent flavor. **Pkt., 10c; oz., 40c; ¼ lb., \$1.00; lb., \$3.50.**

SEDANO

CELERY

SELERY

One ounce of seed will produce 3000 plants; ¼ pound will plant an acre

NEW GOLDEN PLUME OR WONDERFUL. See page 7.

New Easy Blanching. (See cut.) A new variety resembling Golden Self Blanching, but the leaves are green and the stalks blanch white instead of yellow. It is also more hardy and less liable to blight. Stalks are taller, but have the same form and heavy heart of the Self Blanching. While maturing about two weeks after that variety, it has the advantage of being an excellent winter keeper of the best quality. **Johnson's Private Stock. Choicest Pennsylvania grown seed. Pkt., 20c; ¼ oz., 50c; oz., \$1.50.**

Golden Self-Blanching (Dwarf Strain). Originator's French Grown. Our seed of this variety comes to us every season direct from the originator in France, and our rapidly increasing trade is abundant evidence of its high quality. Rich yellow color. Dwarf, compact habit, and blanches readily. **Pkt., 15c; ¼ oz., 40c; oz., \$1.25.**

Golden Self-Blanching (New Tall Strain). This differs from the dwarf stocky strain in that it has distinctive foliage, resists blight to a better degree, is more vigorous in all its parts, develops very rapidly and grows from ¼ to ½ taller. It blanches up very quickly, but the heart is slim and long, and of a fine white color. Early, but not a good keeper. **Pkt., 15c; ¼ oz., 40c; oz., \$1.25.**

Columbia. A desirable early maturing variety, following in season Golden Self-Blanching, which it resembles in many respects. The stalks are of medium height, very thick, round and crisp, blanching to a light golden yellow. **Pkt., 10c; ¼ oz., 25c; oz., 75c.**

French Grown Giant Pascal. A compact, vigorous, productive variety, and fine for winter use; leaves upright, short, dark green; stalks short, thick, very broad. **French grown seed. Pkt., 10c; ¼ oz., 20c; oz., 50c.**

Perfected White Plume. A very early, handsome variety; leaves light, bright green, easily blanched a beautiful silvery white. **Pkt., 10c; ¼ oz., 20c; oz., 50c.**

Fordhook Emperor. Dwarf in habit, attains a height of 15 to 18 inches. Stalks smooth and thick. Color white with heart tinged yellow. Quality the finest. **Pkt., 10c; ¼ oz., 20c; oz., 50c.**

CETRIOLO **CUCUMBERS** OGOREK

One ounce will plant 50 hills; 2 pounds will plant an acre in hills; 5 pounds in drills.

Popular Sorts

JOHNSON'S FIRST IN MARKET. See page 8.

Johnson's Selected Davis Perfect. We have spent many years in working up a very fine strain of Davis Perfect in which fine length, slimness, beautiful dark green color, are distinguishing features of this most popular of the extra long white spine cucumber. For indoor and outdoor planting it is most popular. Its extremely vigorous growth makes it the best blight resistor of the long sorts. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$1.75.

Johnson's Perfect White Spine. The finest type of White Spine yet produced. Early, very productive and disease-resistant; fruits nine inches long, slightly tapering; flesh white, very firm and crisp, with very few seeds; color rich, dark green, which does not fade when shipped a long distance. See cut at left. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$1.75.

Early Russian. One of the earliest varieties. The fruit is small. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50.

Boston Pickling or Green Profile. Fruit short, smooth, symmetrical and bright green; very productive, making a good pickle; a little shorter and thicker than most pickling sorts. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50.

Chicago Pickling (Westerfield). A most excellent pickling sort; very uniform, productive and good color. Our strain is much superior to stocks generally sold under this name. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50.

Extra Long or Evergreen White Spine. This vigorous and productive table variety produces cylindrical dark green fruits 9 to 11 inches long, with very white crisp, tender flesh. Adapted for forcing. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50.

Long Green Improved. A standard late, well known table sort; 12 to 14 inches long, slender, more or less tapered, tapering towards the stem end; color dark green, flesh white and firm. We have a superior stock of this variety. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50.

Klondike. A medium early, very good strain of White Spine; fruits attractive, full uniform, rather thick, short and blocky, tapering abruptly at both ends; color very dark green, which it holds well; only fairly productive. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50.

Arlington White Spine. One of the earliest and most productive, true to type and uniform of the White Spine family; fruit about 7 inches long, rounded at ends and of a bright deep green color. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50.

Early Fortune. A very fine strain of White Spine. It is early and very productive, excellent for market and pickles. The fruit is 8 to 9 inches long, slightly tapering and of deep green color. It holds its color well when shipped. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50.

Vickery's Forcing. This is undoubtedly one of the finest Cucumbers for the greenhouse. It is of the White Spine type about 9 inches long and is a much deeper green. Vickery's Forcing is surprisingly productive and will net a much larger return than other sorts because it will cut so many more baskets of cukes. These facts are causing greatly increased demands for seed each season. Pkt., 15c; oz., 45c; ¼ lb., \$1.50; lb., \$5.50.

SMALL GHERKIN or BURR. A small oval, prickly variety which is used for pickles only. Oz., 10c; ¼ lb., 35c; lb., \$1.25; 10 lbs., \$11.00.

Dill

Long Island Mammoth. Leaves are used in pickles and for flavoring soups and sauces. Pkt., 5c; oz., 20c; ¼ lb., 60c.



Johnson's Perfect White Spine Cucumber

Johnson's Greenhouse Forcer

Introduced by Johnson in 1920.

Johnson's Greenhouse Forcer. A wonderfully choice strain which has been selected and developed for many years especially for Greenhouse Forcing on a large scale. The fruits are remarkably uniform in shape and size, averaging about 14 inches in length. The color is a beautiful deep green, which is held for several days, almost spineless, and is admirably adapted for packing in flats and baskets for the highest class of trade. Our seed is strictly Greenhouse grown by the originator. Pkt., 20c; ½ oz., 50c; oz., 85c; ¼ lb., \$2.50; ½ lb., \$4.00; lb., \$7.00.

English Forcing Cucumbers

Covent Garden Favorite, Rockford's Market, Lockie's Perfection. In packets of 10 seeds each, 20c; \$1.75 per 100 seeds.

Duke of Edinburgh, Sion House Improved, Telegraph (Rollison's). In packets of 10 seeds each, 15c; \$1.40 per 100 seeds.



Johnson's Greenhouse Forcer

GRANO TURCO

SWEET CORN

KUKURYDZA

One pound will plant about 200 hills; 12 pounds will plant an acre

The Sweet or Sugar varieties, being liable to rot in cold or wet ground, should not be planted before May, or until the ground has become warm; for a succession continue every two weeks, until the middle of July, in hills 3 feet apart each way, covering about half an inch, and thin out to 3 plants to a hill.

Early Dighton. See page 7.

Whipple's Large Early. See page 6.

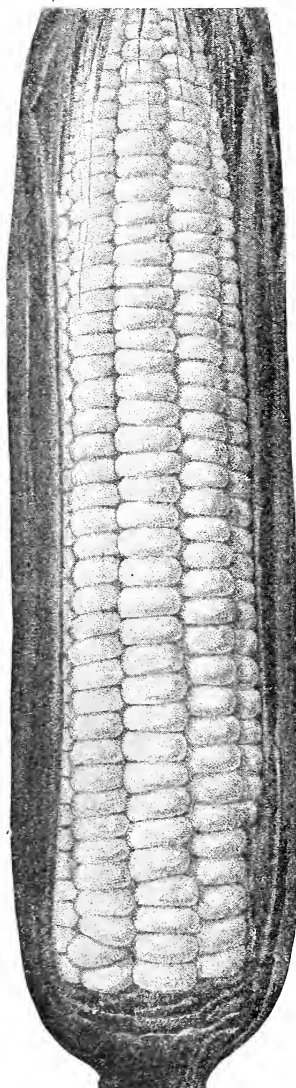
Johnson's New Verifirst. See page 6.

Johnson's New Golden Standard. See also page 4. This new sort is very similar to De Lue's Golden Giant and we recommend it very highly. See full description and cut on page 4. Makes a fine succession for Golden Bantam. **Pkt., 15c; ½ lb., 30c; lb., 50c; 2 lbs., 85c; 10 lbs., \$4.00.**

Earliest Mayflower. This is a ten to twelve rowed white corn, larger than Mammoth White Cory and from three to five days earlier. Three seasons' trials of this splendid sort have convinced us that it is the coming extra early Corn. **Pkt., 10c; ½ lb., 25c; lb., 40c; 2 lbs., 65c; 10 lbs., \$2.75.**

Golden Bantam. Produces ears measuring about five inches, but the smallness of ears is fully made up by the deliciously sweet flavor and tender quality of the Corn when cooked. By all odds the finest extra early variety when quality is considered. **Pkt., 10c; ½ lb., 25c; lb., 40c; 2 lbs., 75c; 10 lbs., \$3.00.**

Howling Mob. A large eared early sweet corn, ready for use about five days later than Mammoth White Cory, generally producing two good ears to a stalk averaging 7 to 9 inches long, with 12 to 14 rows of pearly white grains. The stalks grow 4 to 5 feet high. An excellent home or market sort. **Pkt., 10c; ½ lb., 25c; lb., 40c; 2 lbs., 65c; 10 lbs., \$2.75.**



Golden Bantam Corn

Mammoth White Cory. Considered one of the best early Sweet Corns. It produces stalks about four feet high, each generally bearing two large, finely shaped ears which become fit for use in about 52 days. They are 12-rowed, six to seven inches long. **Pkt., 10c; ½ lb., 25c; lb., 40c; 2 lbs., 65c; 10 lbs., \$2.75.**

Kendel's Early Giant. Large, handsome ears of fine quality, very early. **Pkt., 10c; ½ lb., 25c; lb., 40c; 2 lbs., 65c; 10 lbs., \$2.75.**

Black Mexican. When in table condition the grains are pure white and quality delicious. **Pkt., 10c; ½ lb., 25c; lb., 40c; 2 lbs., 65c; 10 lbs., \$2.75.**

Early Evergreen. Ripens about ten days earlier than Stowell's Evergreen. Ears large and uniform. **Pkt., 10c; ½ lb., 25c; lb., 35c; 2 lbs., 60c; 10 lbs., \$2.50.**

Stowell's Evergreen. The most popular variety grown, ears large and very sweet. **Pkt., 10c; ½ lb., 25c; lb., 35c; 2 lbs., 60c; 10 lbs., \$2.50.**

Country Gentleman. The finest of all sweet corns for the table, and when once used no other sort is quite good enough. Ears average eight to nine inches in length; cobs small and grain very deep. **Pkt., 10c; ½ lb., 25c; lb., 40c; 2 lbs., 65c; 10 lbs., \$2.75.**

Pop Corn

Monarch White Rice. This is the best Pop Corn for home or market. Select ears. **Lb., 30c; 3 lbs., 75c; 10 lbs., \$2.25.**

Cress or Pepper Grass

Culture. Can be sown in the early spring, outdoors in rows 1 foot apart, covering seed about one-quarter inch and sow thickly. A packet will sow about 40 feet of drill, an ounce about 200 feet. Ready to use in 20 to 40 days.

Extra Curled. **Pkt., 10c; oz., 25c; ¼ lb., 70c.**

True Water Cress. **Pkt., 10c; oz., 45c.**

True Georgia Collards

Forms a loose head of cabbage-like leaves, which are largely used for greens; ready for use in 45 days. Sow like cabbage. Set a foot apart in rows 2 to 3 feet apart. Can also sow seed in June, July and August. **Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50.**

Corn Salad

Culture. Treat like lettuce, except that it may be planted closer, as it is smaller. It is hardy, and may be carried through the winter in cold frame or under litter. **Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$2.00.**

Dandelion

A hardy perennial. Sow in early spring in drills half an inch deep, and thin to 2 or 4 inches in the row.

Improved Thick Leaf. **Pkt., 10c; ½ oz., 60c; oz., \$1.00; ¼ lb., \$3.00.**

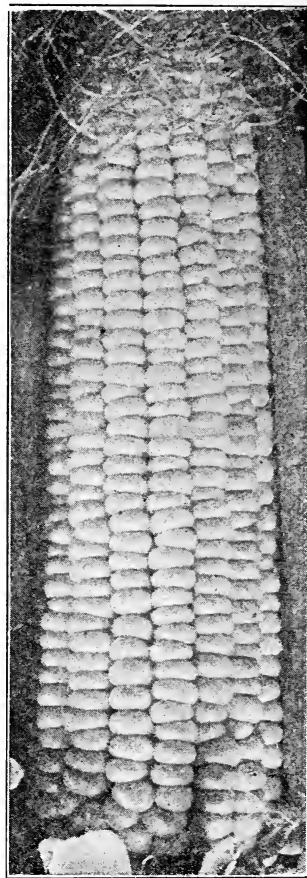
Common. Yields an abundant supply of large succulent leaves. **Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.50.**

Chervil

One ounce will sow about 100 feet of drill

Culture. Sow in drills one foot apart in early Spring or Fall, covering seed about one-half inch. Thin out plants to 4 inches in row; leaves ready in 6 to 8 weeks. Curled variety used like Parsley. Can also be sown in August or September; thin out to six inches in row, and rows fifteen inches apart.

Curled. Largely used in soups and salads. **Pkt., 10c; oz., 30c; ¼ lb., 75c.**



Earliest Mayflower Corn



Witloof French Endive

ENDIVIA **ENDIVE** ENDYWIA

One ounce will sow 150 feet of row; 3 pounds will sow an acre

One of our best salad plants, especially valuable for winter use. For a first crop, sow about the middle of April; for succession, small sowings may be made every month until August, when the main planting is made. Set out the plants one foot apart.

Green Curled, Winter. A hardy, vigorous growing endive with bright deep green leaves. The dense mass of deeply divided leaves formed in the center blanches very readily to a rich cream color. This sort is highly esteemed for the home garden, and is much used for salads. Pkt., 10c; oz., 25c; 2 oz., 45c; ¼ lb., 75c.

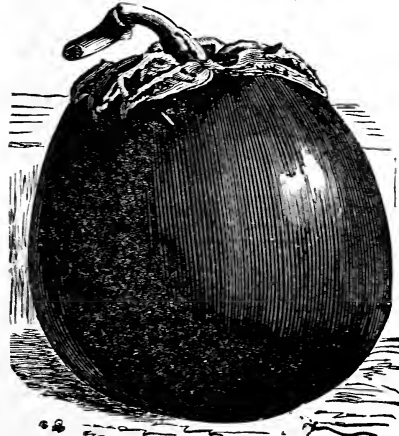
Everwhite Curled. (See cut.) Blanchers rapidly and is very tender. Pkt., 10c; oz., 25c; 2 oz., 45c; ¼ lb., 75c.

Broad Leaved Batavian. (Escarolle.). Leaves long and broad, thick and succulent. One of the choicest salads. Pkt., 10c; oz., 25c; 2 oz., 45c; ¼ lb., 75c.

Horseradish Roots

Maliner-Kren. This new variety from Bohemia is larger, earlier, and whiter than the common kind. We highly recommend it. Doz., 25c; 50, 75c; 100, \$1.25.

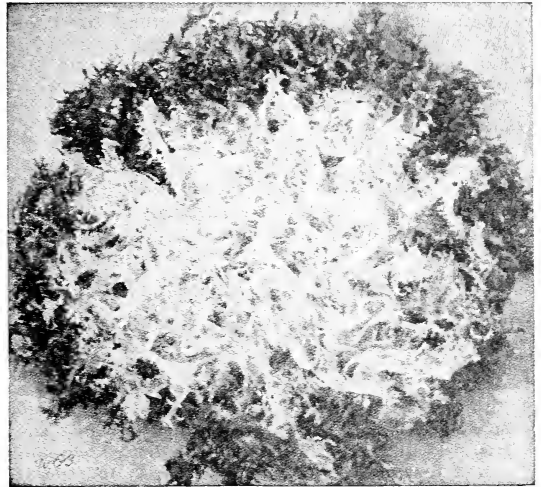
Common Variety. Very choice sets grown by an expert. Doz., 15c; 100, \$1.00.



New York Purple Eggplant

French Endive or Witloof Chicory

Used principally as a winter salad, and it is most delicious served with French dressing and eaten like Cos Lettuce. Should be sown in June in drills 10 inches apart; allow plants to grow until November, when they should be taken up, the leaves trimmed to 1½ inches from the neck, and the roots cut off to within 8 inches of the neck, then planted upright, 1½ inches apart, in trench 16 inches deep. Fill trench with good soil, and for quick growth cover with manure. In about four weeks it will be ready for use and is eaten either raw as a salad or cooked. Quality is very fine. Pkt., 10c; ½ oz., 15c; oz., 25c; ¼ lb., 80c.



Everwhite Curled Endive

CAVOLO VERDE **KALE** SOLANKA

One ounce will sow 200 feet of row; 4 pounds will sow an acre

Sow about middle of April in well prepared beds covering thinly and evenly. Plant out in July like cabbage and give same culture.

Dwarf Green Curled Scotch. Very hardy, nicely curled. Most popular sort. Pkt., 10c; oz., 25c; ¼ lb., 65c; lb., \$1.60.

Dwarf Curled Siberian (German Greens). Dwarf curled; bluish-green; very hardy. May be sown in August. Pkt., 10c; oz., 25c; ¼ lb., 65c; lb., \$1.60.

PETONCIANO **EGGPLANT** GRUSKA

One ounce will produce about 1,000 plants; ¼ pound will sow an acre

For best results, Eggplants require rich soil, moisture and warm weather. Sow in gentle heat from middle of March to middle of April. Transplant from June 1st to June 15th, setting the plants about 3 feet apart each way.

Johnson's New Purple Tokyo. This is the finest sort for home use. Extra early, surprisingly prolific, quality splendid. Size about 7 inches long and 2 inches in diameter. Pkt., 10c; ½ oz., 35c; oz., 60c; ¼ lb., \$1.75.

Early Black Beauty. From ten days to two weeks earlier than the purple varieties, and of rich lustrous purplish black color. It is a distinct sort and a favorite where known. The plants are remarkably healthy in their growth and yield an abundance of large fruits. The fruit is very attractive in appearance. This variety is entirely spineless. Quality the very best. Pkt., 10c; ½ oz., 40c; oz., 75c; ¼ lb., \$2.00.

Improved New York Purple. Very solid, of rich shining deep purple color. Pkt., 10c; ½ oz., 40c; oz., 75c; ¼ lb., \$2.00.

LATTUGA **LETTUCE** SALATA

One ounce will produce from 2,000 to 3,000 plants; 3 pounds will sow an acre

Lettuce thrives best in a light, very rich, moist soil. For first crop sow in gentle heat in February, and transplant to 10 inches apart. For a summer supply sow thinly in shallow drills 18 inches apart, and transplant or thin out, leaving a foot between the plants. Sowing may be made from April to the end of August.

Unrivalled. French Grown. An improvement on the White-seeded Big Boston, forming very solid, large, pale green heads of excellent quality, without the reddish brown tinge. Forms a head in about 6 weeks, and is earlier than the regular Big Boston. May be sown all through the year and stands heat remarkably well; it is also a very fine forcer. Is crisp, solid and a good shipper. **Pkt., 10c; oz., 35c; ¼ lb., 90c.**

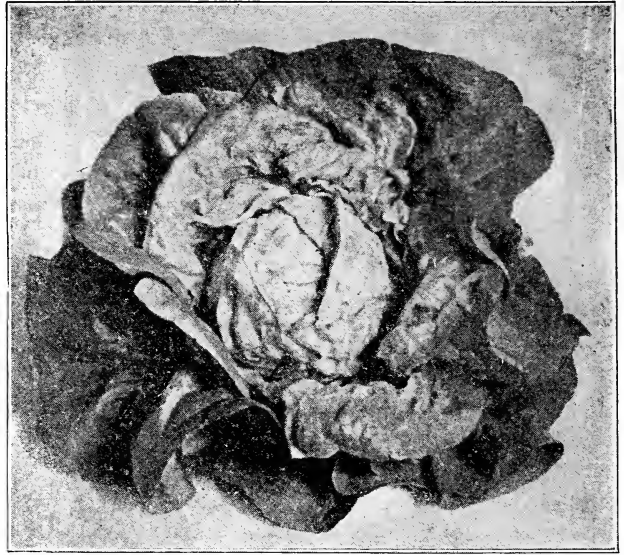
Grand Rapids. (Johnson's Special Forcing Strain.) The favorite loose-leaved forcing lettuce, and does well in the North for early planting outside. Leaves blistered and crumpled, and the border heavily fringed; color light green, with no trace of brown. A most handsome and attractive lettuce of fair quality. Our stock of Grand Rapids is very specially selected. **Pkt., 10c; oz., 20c; ¼ lb., 60c.**

Wonderful. (Sometimes called New York or Los Angeles.) This very large heading lettuce is desirable not only for summer use but is much used as a fall market sort. The plant is compact and tight heading; outer leaves attractive deep green, broad, frilled at edges. The inner leaves form a large head, very sweet and tender. Commonly called Iceberg. **Pkt., 10c; oz., 35c; ¼ lb., 90c.**

Big Boston. Fine for forcing in cold frames or for early outdoors. **Pkt., 10c; oz., 25c; ¼ lb., 75c.**

Dreer's Allheart. Splendid for greenhouse forcing or for very early outdoor heads. **Pkt., 10c; oz., 20c; ¼ lb., 65c.**

Burpee's Wayahead. A new and very desirable early heading sort for outdoor culture, in the home garden. **Pkt., 10c; oz., 20c; ¼ lb., 60c.**



Johnson's Unrivalled Lettuce, French-Grown

Black Seeded Tennis Ball. The best heading variety for use under glass. **Pkt., 10c; oz., 25c; ¼ lb., 70c.**

Improved Salamander. Large heads that stand the drought and heat longer than any other. **Pkt., 10c; oz., 20c; ¼ lb., 65c.**

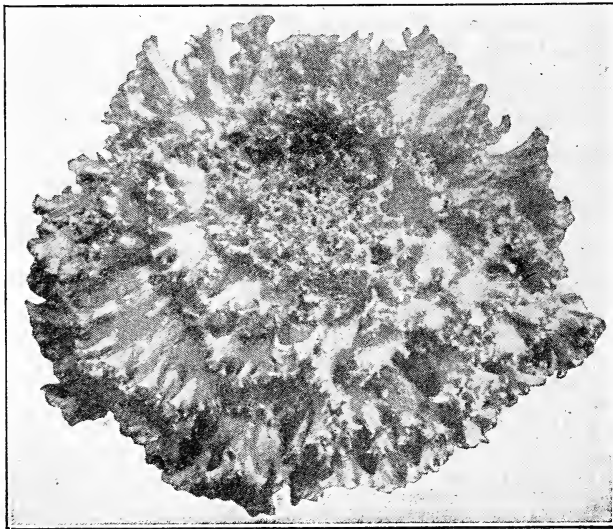
Iceberg. A large head of splendid quality. **Pkt., 10c; oz., 25c; ¼ lb., 75c.**

May King. Extra large, round solid heads. Very early. **Pkt., 10c; oz., 25c; ¼ lb., 75c.**

Early Prizehead. A large clustering lettuce, most excellent for the home garden. **Pkt., 10c; oz., 25c; ¼ lb., 75c.**

Black Seeded Simpson. One of the best for sowing outdoors, exceedingly tender. **Pkt., 10c; oz., 25c; ¼ lb., 75c.**

Trianon Self-Closing Cos. Leaves long, narrow, forming close upright heads. **Pkt., 10c; oz., 25c; ¼ lb., 65c.**



Johnson's Special Grand Rapids

CAVOLO **KOHLRABI** KALAREPA

One ounce will sow 200 feet of row

If you have never grown Kohlrabi, you should try it this year. It is a most excellent vegetable, intermediate between the cabbage and turnip. Cultivate like cabbage and, when young, cook like turnips.

Early White Vienna. Flesh clear white, outside greenish white. Most popular. **Pkt., 10c; ½ oz., 20c; oz., 30c.**

Early Purple Vienna. Same as above excepting skin is purple. **Pkt., 10c; ½ oz., 20c; oz., 30c.**

PORRO **LEEK** PORY

One ounce will sow 100 feet of row; 4 pounds will sow an acre

Sow as early in spring as practicable, in drills one inch deep and one foot apart. When six or eight inches high, transplant in rows ten inches apart each way.

Broad American Flag. The most desirable for family use. **Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., 90c.**

Large Carentan Winter. A very large variety of superior quality. **Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., 90c.**



Selected Tip Top

Forcing Muskmelons

Sutton's Windsor Castle. (English Forcing.) The best green fleshed variety for greenhouse. Pkt., 25c.

Carter's Blenheim Orange. (English Forcing.) The best scarlet fleshed variety for the greenhouse. Pkt., 25c.

WATERMELON

COCOMERO—MELON WODNY

One ounce will plant about 20 hills; 3 to 4 pounds will plant an acre

Irish Grey. This new melon is already becoming popular. The vine is very vigorous and produces fruit until late summer. Flesh is beautiful red and free from stringiness. Well adapted for either market or home use. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.25.

Harris' Earliest. The finest of all the early maturing melons of medium size and oblong shape. The vine is productive and a sure cropper, the melons maturing early. Adapted to the Northern States. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.25.

Ice Cream or Peerless. Exquisite quality; red flesh, medium size; early. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.25.

Kleckley Sweet. A new melon. Very popular. Long, dark; exquisite quality. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.25.

Cole's Early. Large heart, flesh of fine texture and good flavor and a good variety for our Northern States. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.25.

Tom Watson. A large oblong Melon that has become a great favorite everywhere. The flesh is bright red of delicious flavor. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.25.

PRESERVING CITRON. Red-seeded. Most desirable for preserves; flesh solid and white. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 85c, postpaid.

MUSKMELON

POPONE

One ounce will plant 50 hills; 2 to 3 pounds will plant an acre

After all danger of frost is over, and the ground has become warm and dry, plant in hills 4 to 6 feet apart each way, 6 to 12 seeds to a hill. When up, and all danger of insects has passed, pull out all but 3 plants. Cultivate until the vines cover the ground, and pinch the ends of the growing shoots to induce early fruiting.

Bender's Surprise. See page 10.

Lake Champlain. See page 10.

Emerald Gem. (Salmon flesh.) This beautiful melon is early and prolific. The skin is smooth, of a deep emerald green color. The flesh is thick and firm, ripening almost to the rind. Well adapted to Northern Ohio. Noted for its high quality. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50.

Honey Dew. This new sort is well worthy of a trial by all who love Muskmelons. It has created sensations wherever high class hotels have served it. Pkt., 10c; oz., 25c; ¼ lb., 60c; lb., \$2.25.

Selected Osage. Well suited to sandy soil. Yellow, fine quality. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.75.

Ohio Sugar. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.75.

New Fordhook. Salmon flesh, flattish shape, well netted, flesh thick, very early. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.75.

Tip Top. Select Stock. Good size, superb quality; salmon flesh. Our stock is fine. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$2.00.

Extra Early Hackensack. Standard extra early sort. Green flesh. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.75.

Netted Gem or Rocky Ford. The melon which made Rocky Ford famous. Small, early, green flesh. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50.

Honey Ball. Honey Ball matures a week later than Netted Gem. It is a little larger than that famous variety, perfectly round, and has delicious green meat. The skin is greenish white and slightly netted. Very prolific and of most delicious flavor. It is a cross between a Cantaloupe and a Honey Dew. Pkt., 10c; oz., 25c; ¼ lb., 60c; lb., \$2.25.

Hearts of Gold. Within late years this variety has become very popular in some of the melon-growing districts. It is an excellent shipping melon and will reach the market in first class condition. The fruits are very uniform, somewhat flattened, about 6 inches in diameter, and 5 inches in depth. They weigh about 2 lbs. each. The flesh is a beautiful salmon shade. It is very thick, ripens close to the rind, and is of delicious flavor. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$2.00.

MUSTARD

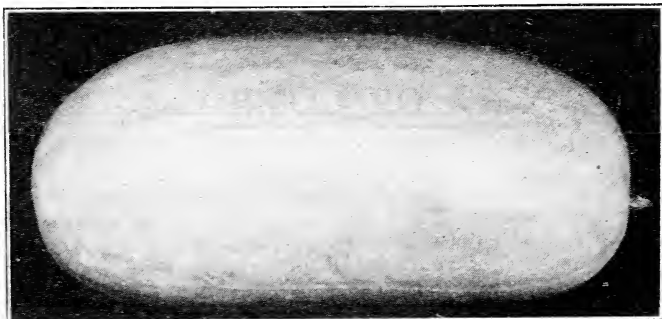
Sow thickly during early spring, in shallow drills 12 inches apart. For fall use, sow in September.

Southern Giant Curled. The large leaves, which often measure 14 inches, are ready for use in about six weeks after sowing. Continues to yield until frost. Leaves are eaten boiled like spinach. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.25.

Fordhook Fancy. Plants are of vigorous growth, and have beautiful dark green leaves which curve outward like a fine ostrich plume. It stands well, even during the hot summer months. It is even superior to the best spinach in flavor. Pkt., 10c; oz., 25c; ¼ lb., 60c; lb., \$1.50.

MUSHROOM SPAWN

Have Fresh Mushrooms on Your Table Every Day Pure Culture. (In bricks.) The finest quality. This is vastly more dependable than the old style of English Mill-track Spawn, and costs but little more. Bricks, 35c each; 10 bricks, \$3.00. Ask for prices for large lots. Free Leaflet on Mushroom Culture on request.



Famous Irish Grey Watermelon

ONION

CIPOLLA—CEBULA

One ounce will sow 100 feet of row; 5 pounds will sow an acre

Johnson's Selected Ohio Yellow Globe. Our seed of this finest of all Yellow Globe Onions is grown in Lake Co., O., by one of the most expert onion men in the state. The strain is distinguished by a distinct attractive shape and a handsome bright even yellow color—ripens early and all at once; neck very small, and cures down to almost nothing. The firm, solid bulbs are excellent winter keepers, and all that can be desired in size and quality; yielders—800 bushels per acre are frequently grown on rich onion land. This is a superb onion for all classes of soil and especially good for all northern Ohio onion sections on account of quick maturing. **Pkt., 10c; oz., 35c; ¼ lb., \$1.00; lb., \$3.00.**

Ailsa Craig. It has a handsome appearance, being large—12 have been known to weigh 30 pounds—it has fine straw-colored skin; these qualities make it excellent for exhibition purposes, in which it is a successful competitor of large, imported Spanish onions. The shape is globular and it forms a fine thin neck for a large onion. A splendid keeper; for eating raw it has no superior; it is mildly pungent in flavor, sweet and desirable. **Pkt., 15c; oz., 50c; ¼ lb., \$1.25; lb., \$4.00.**

Yellow Globe Danvers. This produces well-ripened bulbs, averaging 2 inches in diameter and nearly globe-shaped. The skin is a light golden brown or pale yellow, and the flesh is pure white, crisp, and mild in flavor. An excellent variety. **Pkt., 10c; oz., 35c; ¼ lb., \$1.00; lb., \$3.00.**

Southport Yellow Globe (Special Connecticut-Grown). Our Connecticut-grown strain matures evenly and produces true globe-shaped onions. The color of the skin is a bright golden yellow. The flesh is pure white, mild, solid, and juicy. It is a splendid keeper. **Pkt., 10c; oz., 35c; ¼ lb., \$1.00; lb., \$3.00.**

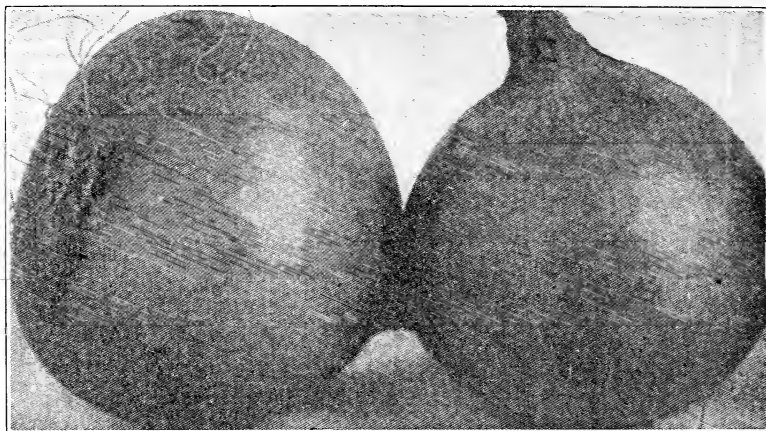
Southport White Globe (Special Connecticut-Grown). The large bulbs have a pure paper-white skin. The flesh is also pure white, sweet, juicy, and of a most delightful mild flavor. **Pkt., 10c; oz., 50c; ¼ lb., \$1.50; lb., \$4.00.**

Southport Red Globe (Special Connecticut-Grown). In some sections the Southport Red Globe is a most favorite color of this popular type. They mature early and ripen with a thin neck. The skin is a bright and rich crimson. The flesh is white, slightly tinted with light rose near the skin. The flavor is mild and tasty. **Pkt., 10c; oz., 40c; ¼ lb., \$1.20; lb., \$3.50.**

Mammoth Silver King. Large flat and thick bulbs. They measure 5 to 7 inches in diameter and weigh 2 to 3 pounds each. The skin is clear white and the flesh is snow-white, sweet, and tender. **Pkt., 10c; oz., 35c; ¼ lb., \$1.10; lb., \$3.00.**

Prizetaker Onion. Prizetaker is an Onion that has proved to do well in all sections of the country under varied conditions of climate and soil. The bulbs grow to extra large size, weighing as much as 4 pounds each. They often measure over 4 inches in diameter. The thin skin is a beautiful golden brown and the flesh is pure white, solid, crisp, juicy, and mild. Uniform in size, shape, and color. **Pkt., 10c; oz., 35c; ¼ lb., \$1.10; lb., \$3.00.**

White Portugal. Very early, flat, white sort. Mild flavor. Largely used for growing sets. **Pkt., 10c; oz., 45c; ¼ lb., \$1.25; lb., \$3.50.**



Johnson's Selected Ohio Yellow Globe Onion

Earliest White Queen (Barletta). Also known in the South as **White Pearl.** This is the best of all for small pickles and the earliest ripening onion in cultivation. The bulbs, of a pure paper-white, are generally very small, averaging only 1½ inches in diameter. They are uniform in size and shape. **Pkt., 10c; oz., 50c; ¼ lb., \$1.50; lb., \$4.00.**

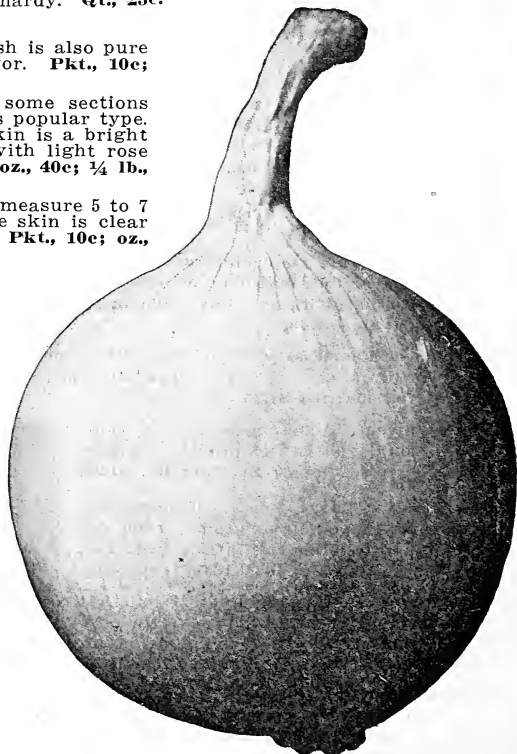
White Welsh or English. A distinct variety which does not form a bulb like other Onions, but a small enlargement at the base of each shoot. Leaves are pinkish white and delicately flavored. Good for bunching. **Pkt., 15c; oz., 75c; ¼ lb., \$2.50.**

Onion Sets As soon as the ground can be worked in spring, set in rows 1 foot apart and three inches in the row. For succession continue planting every two weeks.

White Bottom Sets. Mild. Very popular. **Qt., 35c.**

Yellow Bottom Sets. Preferred by many on account of stronger flavor. **Qt., 30c.**

Egyptian Winter Sets. Plant in August and September for use late in fall and following spring. Very hardy. **Qt., 25c.**



Southport White Globe Onion

OKRA OR GUMBO

OKRA, Ger.; GOMBO, Fr.; QUIMBOMBO, Sp.

Sow after the middle of May, or early in June, in rich soil in drills about an inch deep and 3 feet apart; thin out to 8 inches.

White Velvet. Tender white pods, of smooth and velvety appearance. **Pkt., 10c; oz., 15c; ¼ lb., 35c.**

Perkins' Mammoth. The long pods measuring 4 to 5 inches are produced in great quantities. The appearance is handsome, of green color and best quality. **Pkt., 10c; oz., 15c; ¼ lb., 35c.**

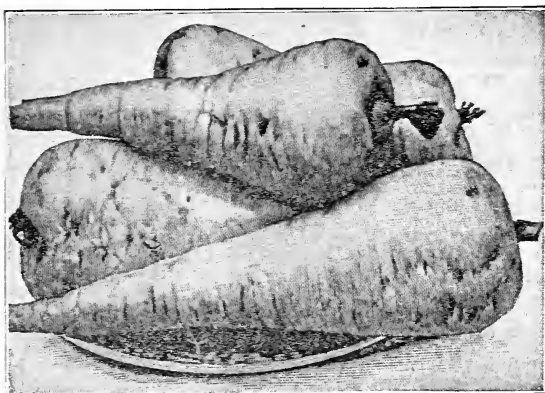
PASTINAKE;
PANALS, Fr.;**PARSNIPS**

PASTINACA, Sp.

Parsnips are of the easiest culture and require a full season to come to maturity. Seed of the long varieties should be sown early in spring up to May 15. Early Short Round matures quicker and gives a full crop planted as late as June 1. The roots may be left outdoors all winter, or they may be stored in a cool, well-ventilated cellar, packed in boxes filled with slightly moist soil. Grow plenty of parsnips for winter storing. They are very nutritious. One ounce for 300 feet of row. Sown at the rate of 4 to 6 pounds per acre.

Improved American Hollow Crown

This grows longer than the preceding variety, but does not have so broad a shoulder. The roots are long and tapering, requiring a deeply worked soil to develop to perfection. It is a widely known variety, 15 inches long and 3 inches in diameter at the shoulder. Pkt., 10c; oz., 20c; 4 oz., 40c; ½ lb., 60c; lb., 95c; 2 lbs., \$1.70; 5 lbs., \$4.00, postpaid.



Improved American Hollow Crown Parsnips

Guernsey

The roots are medium long, with a broad shoulder, gradually tapering downward. The white skin is smooth and attractive. It is considered the best and most productive of the long parsnips. The fine-grained, tender sweet flesh makes it a desirable table variety. Pkt., 10c; oz., 20c; 4 ozs., 40c; ½ lb., 60c; lb., 95c; 2 lbs., \$1.70; 5 lbs., \$4.00, postpaid.

Early Short Round

This is the earliest of all parsnips. It will give a good yield when sown as late as June, and will make a succession crop to early maturing vegetables. The roots often measure 5 to 6 inches across and 3 to 4 inches deep. The pure white flesh is fine-grained and firm. It is sweet and tasty. Easily grown and easily harvested. Pkt., 10c; oz., 20c; 4 ozs., 45c; ½ lb., 70c; lb., \$1.20; 2 lbs., \$2.20; 5 lbs., \$5.30, postpaid.



Early Short Round

PREZZEMOLO **PARSLEY** PIETRUSZKA

One ounce will sow 150 feet of row; 3 pounds will sow an acre

Culture. Soak seed for several hours and sow in border or frame. Thin the rows or transplant to 8 inches each way.

Johnson's New Bouquet. (See cut p. 10.) This New Parsley is so beautifully curled and crested that we have felt justified in calling it "Bouquet." Without doubt it is the most ornamental variety grown—and hence for garnishing has no equal. It is of dwarf, compact habit of growth, and its color is a most pleasing shade of green. Pkt., 10c; ½ oz., 25c; oz., 45c.

Champion Moss Curled. A choice selected strain, with crimped and curled leaves. Pkt., 10c; oz., 20c; ¼ lb., 40c.

Hamburg Turnip-Rooted. The root, which resembles a small parsnip, is the edible portion of this variety. Extensively grown and used for flavoring soups, etc. Pkt., 10c; oz., 20c; ¼ lb., 40c; lb., \$1.25.

PEANUTS

New Mammoth Bush. These nuts make compact bushes eighteen inches high, with heavy, erect stalks. They produce a large quantity of the mammoth nuts, adapted for culture in our northern climate, especially in light or sandy soils. Large pkt., 10c; ¼ lb., 20c; lb., 50c; ½ pt., 20c; pt., 35c; qt., 60c.

Sweet Spanish. The earliest variety grown. Pods are small, remarkably solid, well filled and of an extrafine quality. Yield per acre very large. Large pkt., 10c; ¼ lb., 15c; lb., 40c, postpaid.

ACETOSA **SORREL** SZCZAW

One ounce will sow 100 feet of row

Sow early in spring, thinly in rows 12 to 18 inches apart. Thin to 6 or 8 inches apart.

Large French Broad-leaved. Has large, pale green leaves of mild, acid flavor; esteemed as a salad, also cooked as greens, etc. Pkt., 10c; oz., 25c; ¼ lb., 65c.

RHUBARB OR PIE PLANT

RHABARBER—RUIBARBO

One ounce of seed will produce 500 plants

Requires a deeply cultivated and thoroughly manured soil. Sow the seed early in the spring, in rows 1 foot apart. The second year after planting, plants can be removed in autumn to the permanent place in the garden allotted to them. Plant the roots 2 feet apart each way.

Victoria. In general use for market and home-garden. Pkt., 10c; oz., 25c; ¼ lb., 60c; lb., \$1.75, postpaid.

RHUBARB ROOTS. Each, 25c; doz., \$2.50.

GROCH

GARDEN PEAS

PISELLO

One to two pounds will plant 100 feet of row; 120 pounds will plant an acre

Peas mature earliest in a light, rich soil; for general crop, a rich deep loam is the best. When grown in gardens sow in double rows six to eight inches apart, the rows two to four feet apart, the tall ones requiring brush. Commence sowing Alaska and First and Best as early as the ground can be worked in February or March; and continue with other sorts for a succession every two weeks until June. One quart for 8 rows 10 feet long. See page 8 for new varieties.

Earliest Varieties

New Eight Weeks. (See page 9.) Pkt., 15c; ½ lb., 40c; lb., 65c; 2 lbs., \$1.10; 10 lbs., \$4.50.

New Hundred Fold. (See page 9.) Pkt., 15c; ½ lb., 40c; lb., 65c; 2 lbs., \$1.10; 10 lbs., \$4.50.

Alaska. The very earliest sort. Sometimes called First of All. Pkt., 10c; ½ lb., 20c; lb., 35c; 2 lbs., 60c; 10 lbs., \$2.50.

First and Best. A round, hard-shelled variety. Can be sown when frost is barely out of the ground. Height, 2½ feet. Pkt., 10c; ½ lb., 25c; lb., 45c; 2 lbs., 75c; 10 lbs., \$3.00.

Gradius or Prosperity. An extra early wrinkled Pea, hardy, early and profitable. This remarkable Pea is one of the most widely known varieties in cultivation. The vine is about 24 inches in height on good soil. The pods are borne abundantly. As many as 8 to 10 peas of the largest size and most luscious quality are found in each pod. Pkt., 10c; ½ lb., 30c; lb., 50c; 2 lbs., 80c; 10 lbs., \$3.50.

Extra Early Pilot. The pods and peas are nearly as large as those of Gradius, while they are produced as early as the smooth-seeded extra-earlies. Pkt., 10c; ½ lb., 20c; lb., 35c; 2 lbs., 60c; 10 lbs., \$2.75.

Blue Bantam. Quite similar to Laxatonian. Pkt., 10c; ½ lb., 30c; lb., 50c; 2 lbs., 90c; 10 lbs., \$4.00.

Nott's Excelsior. An improvement on American Wonder, being as early and pods much larger. Height, 14 inches. Pkt., 10c; ½ lb., 20c; lb., 35c; 2 lbs., 65c; 10 lbs., \$3.00.

Sutton's Excelsior. The finest early large podded dwarf wrinkled pea. 1½ feet. Pkt., 10c; ½ lb., 25c; lb., 40c; 2 lbs., 75c; 10 lbs., \$3.25.

Laxatonian. 15 to 18 inches high, very large pods, similar to Gradius in shape. Quality splendid. Pkt., 10c; ½ lb., 30c; lb., 50c; 2 lbs., 85c; 10 lbs., \$4.00.

Thomas Laxton. One of the very earliest varieties. The plant is a very hardy and strong grower, producing extra large size pods in abundance. The quality is delicious and cannot be surpassed by any other variety. Pkt., 10c; ½ lb., 25c; lb., 40c; 2 lbs., 75c; 10 lbs., \$3.25.

Little Marvel. A great acquisition. Height, 15 inches. Deep green, extra early large pods, heavy cropper. Pkt., 10c; ½ lb., 25c; lb., 40c; 2 lbs., 75c; 10 lbs., \$3.50.

Pioneer. One of the earliest of the wrinkled peas; robust in habit and bearing an abundance of handsome dark green pods well filled with large peas of fine quality. Height, 1½ feet. Pkt., 10c; ½ lb., 30c; lb., 50c; 2 lbs., 85c; 10 lbs., \$4.00.

Peter Pan. Height, 15 to 18 inches. The largest podded of the dwarf varieties. Pods 4½ to 5 inches long, dark green in color, and well filled with large Peas of superb quality. Very productive. Pkt., 10c; ½ lb., 30c; lb., 50c; 2 lbs., 85c; 10 lbs., \$3.75.

Second Early and Medium Varieties

Dwarf Telephone. Pods containing 8 to 9 large wrinkled peas equal to Telephone pods. Sometimes called Carter's Daisy. Pkt., 10c; ½ lb., 25c; lb., 40c; 2 lbs., 75c; 10 lbs., \$3.25.

Alderman. A remarkably strong growing main crop variety of the Telephone type, with enormous dark green pods, containing 8 to 10 large, wrinkled Peas of immense size; very tender and luscious. 4 to 5 feet high. Pkt., 10c; ½ lb., 25c; lb., 40c; 2 lbs., 75c; 10 lbs., \$3.25.

Telephone. Immensely productive, finest quality. The pods are of large size, containing 6 to 7 peas, of pale green color, of delicious flavor, 3½ feet. Pkt., 10c; ½ lb., 25c; lb., 40c; 2 lbs., 75c; 10 lbs., \$3.25.

General and Late Crop Peas

Johnson's New Prizewinner. (See page 9.) Pkt., 15c; ½ lb., 35c; lb., 60c; 2 lbs., \$1.00; 10 lbs., \$3.50.

Potlatch. The vines require no brushing, the pods are immense in size and fullness, and packed with peas that are sweet and rich flavored. Pkt., 10c; ½ lb., 25c; lb., 40c; 2 lbs., 75c; 10 lbs., \$3.25.

Improved Stratum. Pods of immense size, filled with very large, dark green Peas of the finest quality; height, 18 inches. Pkt., 10c; ½ lb., 25c; lb., 40c; 2 lbs., 75c; 10 lbs., \$3.25.

Champion of England. A popular wrinkled variety of delicious flavor; profuse bearer. Peas are large and very tender, 5 feet. Pkt., 10c; ½ lb., 25c; lb., 40c; 2 lbs., 70c; 10 lbs., \$3.00.

Melting Sugar. Edible podded. Pkt., 10c; ½ lb., 30c; lb., 50c; 2 lbs., 85c; 10 lbs., \$3.25.



Thomas Laxton Peas



Alderman Peas

PEPERONE **PEPPER** PIEPRZ

In the latitude of Cleveland, sow the seed in hotbeds in early March. Thin out or transplant the seedlings when they are 2 inches high, giving them plenty of room to develop sturdy plants. When the weather is settled and the soil warm, transfer them to the open ground, setting them about 2 feet apart in rows 3 feet apart. A rich, mellow, well-drained soil is best. The fruits are used in both the green and ripe stages for making all sorts of pickles. The large-fruited varieties are desirable for stuffing. An ounce of seed will produce about 1,000 plants.

Johnson's Earliest Mango. The flavor is very mild, so that the peppers may be eaten like an apple. In an average season Johnson's Earliest will produce five times as many peppers as any other sweet kind, and they mature much earlier. Pkt., 10c; oz., \$1.00; ¼ lb., \$2.50.

Harris' Early Giant. Large and early. 5 inches high and 3½ inches through. Deep green turning to red. Sweet and pleasant. Pkt., 25c; oz., \$1.75.

Johnson's Crimson Perfection Pimiento. This is the Pimiento Pepper used so extensively in Spain for canning. It is the sweetest of all sweet Peppers, without any trace of pungency, and the thickest-fleshed Pepper in cultivation. The fruits are of good size, conical or heart-shaped, and perfectly smooth. Midseason. Pkt., 10c; oz., 55c; ¼ lb., \$1.40; lb., \$3.50.

Early Neapolitan. The earliest of the really large-fruited sorts and one of the most productive. The fruits average 4 inches by 2 inches and are always sweet; unsurpassed for pickling. The plants are vigorous and carry immense crops, the first Peppers being ready for pickling in mid-July. Pkt., 10c; oz., 45c; ¼ lb., \$1.25; lb., \$3.50.

Harris' Earliest. Where the seasons are short, this is the only large-fruited Pepper which can be relied upon to produce a good crop. We recommend it to all who have not been able to mature Peppers heretofore. Pkt., 15c; ¼ oz., 25c; oz., 65c; ¼ lb., \$1.75.

Ruby King. Following closely after Neapolitan, Ruby King produces a fine crop of large, sweet Peppers. The flesh is thick, sweet and mild. Pkt., 10c; oz., 50c; ¼ lb., \$1.15; lb., \$4.00.

Ruby Giant or Worldbeater. The result of a cross between Ruby King and Chinese Giant; fully as early and productive as Ruby King while the fruits approach those of the Chinese Giant in size. Pkt., 10c; oz., 50c; ¼ lb., \$1.15; lb., \$4.00.

Chinese Giant. The real giant of the Pepper family. Enormous, blocky, thick-fleshed fruits, bright red in color and very mild and sweet in flavor. Pkt., 15c; oz., 75c; ¼ lb., \$2.00; lb., \$8.00.

Crimson Giant. Said to have been developed from a cross between Chinese Giant and Bull Nose. Early and, like Bull Nose, very prolific; deep green ripening to bright crimson. Pkt., 10c; oz., 65c; ¼ lb., \$1.75; lb., \$6.00.

Sweet Mountain. Nearly, if not quite identical with Bull Nose. Pkt., 10c; oz., 50c; ¼ lb., \$1.75; lb., \$5.00.

Sunnybrook. Of the Pimiento type, averaging 3 inches in diameter and 2 inches deep, rich, deep scarlet in color, produced in clusters of four or five, on bushes 15 inches high and 20 inches broad. Very prolific and exceptionally mild. Pkt., 15c; oz., \$1.00; ¼ lb., \$3.00.

Sunburst (Yellow). The best large-fruited yellow Pepper. Fruits resemble Ruby King in size and shape, but are bright yellow when ripe, thick-fleshed and mild. Pkt., 10c; oz., 55c; ¼ lb., \$2.75.



Johnson's Earliest Mango

Bull Nose or Large Bell. A widely grown, standard variety for market. Extremely prolific; fruits of good size, very thick and blocky; flesh usually sweet but becomes very hot in dry seasons. Pkt., 10c; oz., 45c; ¼ lb., \$1.25; lb., \$3.50.

Golden Queen. A large, sweet Pepper which ripens bright yellow instead of red. Fruits like Bull Nose; thick-fleshed and very sweet. Pkt., 10c; oz., 55c; ¼ lb., \$1.60; lb., \$6.00.

Red Squash. Dwarf and prolific; small, round, thick-fleshed and sweet pods. Pkt., 10c; oz., 50c; lb., \$5.00.

Long Red Cayenne. Pods 4 to 6 inches long, bright red, and very hot. Prolific. Pkt., 10c; oz., 50c; ¼ lb., \$1.40; lb., \$5.00.

Small Red Chili. Pods 2 inches long, conical, scarlet, very pungent. Pkt., 10c; oz., 55c; ¼ lb., \$1.25; lb., \$4.00.

ZUCCA **PUMPKIN** BANIA

One ounce will plant about 25 hills; 4 pounds will plant an acre

Grown principally for stock-feeding, yet some are so sweet, juicy, and fine-grained that they will always be considered indispensable for pies and sauces. Culture like melons, but the soil need not be so rich and the hills should be planted farther apart.

Small Sugar. Ten to 12 inches in diameter, almost round and slightly ribbed; flesh sweet; skin deep bronze yellow. The favorite variety for pies and a good keeper. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.55.

Mammoth King. The largest Pumpkin grown, often attaining a weight of 100 pounds. Flesh close-grained and of fine flavor; skin golden yellow. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.75.

Large Cheese. Large, somewhat flattened with creamy yellow skin and flesh; good quality. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.25.

Connecticut Field. The common field Pumpkin; largely grown in corn for feeding to stock, but suitable also for pies. Orange skin and bright yellow flesh. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

Golden Oblong. A long, cylindrical Pumpkin with bright yellow flesh of extra-fine quality. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.25.

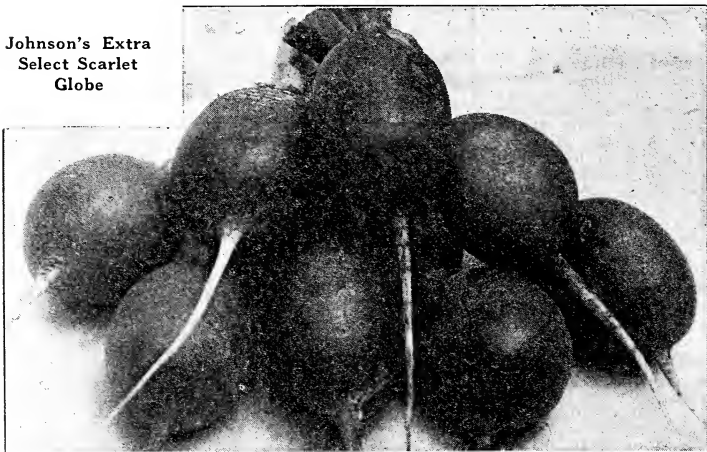
Winter Luxury, or Pie Squash. See Specialties, page 10. Round, golden yellow, netted; flesh very rich; a fine keeper. Pkt., 15c; oz., 25c; ¼ lb., 65c; lb., \$2.25.

Sweet Potato. Medium-sized; pear-shaped; flesh creamy white; excellent flavor. Pkt., 10c; oz., 20c; ¼ lb., 40c; lb., \$1.35.

SALSIFY**OYSTER PLANT**

Mammoth Sandwich Island. Roots large, long, smooth, tender, and well flavored, resembling fair-sized parsnips. Pkt., 10c; oz., 30c; ¼ lb., 55c; lb., \$2.75.

Johnson's Extra
Select Scarlet
Globe



Johnson's Home Table. A nearly globe-shaped Radish, very large, and remaining in good condition a remarkably long time for such an early variety. Skin is fine crimson, and flesh pure white of excellent quality. It matures very quickly and is tender and crisp. A fine sort for open ground and for successive sowing. Pkt., 10c; oz., 25c; ¼ lb., 75c.

Johnson's Stock Long White Icicle. A beautiful waxy white, long-rooted Radish, gradually tapering down from the shoulder which is about ¾ inch in diameter. The roots are usually 5 or 6 inches long and have small tops. This is the earliest of the long-rooted early summer white sorts, desirable for outdoor planting and for forcing. Flesh is crisp and tender. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.25.

Cincinnati Market. The finest long Red Radish in cultivation either for house or for market. Skin scarlet colored, very thin, the flesh crisp, brittle and of delightful flavor. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.25.

White Tip Sparkler. A splendid variety of the Scarlet Turnip White-Tipped type, but showing more white, practically the whole lower part being white, while the upper half is a bright scarlet; good quality. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.25.

Bright Red Forcing. An excellent extra-early forcing variety forming radishes which are uniform, small, nearly round and of bright scarlet color. Tops are very small. Flesh white, crisp, and finely flavored. Matures in 20 days. Our strain of this perfect Radish is clean and fine, and is in very large demand. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.25.

Philadelphia White Box. A very fine early Radish, round, slightly flattened, and of a beautiful white color. It has a medium top, matures early and is grown extensively both under sash and outdoors. Our stock is excellent. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.25.

French Breakfast. A favorite sort, mild and crisp. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.25.

White Tipped Scarlet Turnip. For early planting in frames or outdoors. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.25.

Rosy Gem. An extra early strain of White Tip Scarlet Turnip, adapted to forcing. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.25.

White Stuttgart. Shape like a turnip; skin and flesh both white, excellent summer variety. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.25.

Long White Vienna or Lady Finger. Pure white in color, of long tapering shape. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.25.

Improved Chartier. The color at the top is crimson, running into pink about the middle, and from thence downward is pure white. Splendid for summer use. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.25.

China Rose. Bright rose color; fine for winter use. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.25.

Round Black Spanish. Fine for winter use. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.25.

Celestial. Flesh white and crisp; fit to use early in the fall. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.25.

California Mammoth White Winter. A white-fleshed Radish of excellent quality. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.25.

RADISHES

RAVANELLO—RZODKIEW

One ounce will sow 100 feet of row; 8 pounds will sow an acre in drills; 12 pounds broadcast

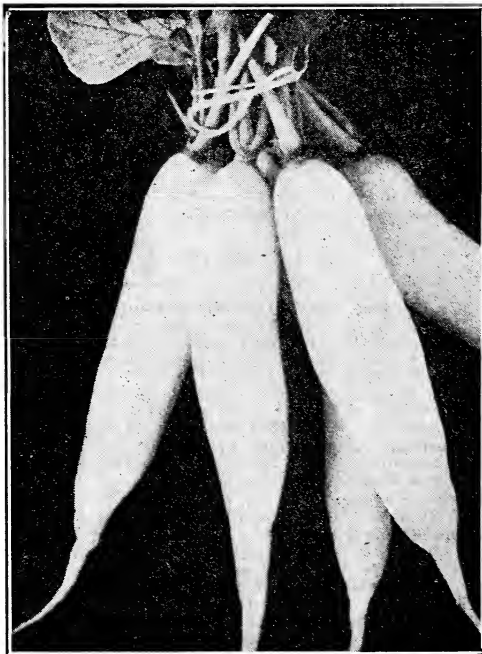
To be crisp and tender, Radishes must grow quickly; whenever growth is checked by drought or cold weather, they become tough and pithy. Rich, light sandy soil suits them best. For the forcing crop, sow seeds in hotbeds in rows 5 to 6 inches apart and thin the plants as the ground becomes warm. Seed of winter varieties should be sown in midsummer. Summer varieties are best adapted for general crop.

Johnson's Extra Select Scarlet Globe.

(See cut.) This new radish has a remarkable ability to bear the heat necessary for rapid growth without becoming pithy or losing flavor. As shown in the illustration, it is of surpassing beauty as regards shape and color. The flesh is crisp, tender, juicy and mild. The color is a rich scarlet. It has a small top and the roots are surprisingly uniform in shape and size. We offer only the most carefully grown seed. Pkt., 10c; oz., 20c; ¼ lb., 50c.

Johnson's New Saxa. (See cut page 5.)

The earliest of the forcing radishes, and one of the slowest to shoot to seed. Round, bright scarlet and with the smallest possible top. Pkt., 10c; oz., 20c; ¼ lb., 50c.



Icicle Radish

SPINACH

SPINACCIO—SZPINAK

One ounce will sow 100 feet of row; 15 pounds will sow an acre in rows, 25 pounds if broadcast

Johnson's Norbek. This new variety is the top notch of the Spinach family, being a decided improvement on all other kinds. The leaves are broad, heavy and of a dark green, glossy color, much more heavily blistered than Long Season; it will also stand at least a week or ten days longer without shooting to seed, which is an important factor. The plant is not of the rosette type, but stands more erect, and requires a less number of plants to fill a basket than any other variety. A trial will convince you that this is the most profitable variety to grow. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., \$1.00.

Victoria. Very heavy, broad deep green crumpled leaves; stands long in prime condition, rendering it especially valuable for spring sowing. Pkt., 10c; oz., 15c; ¾ lb., 25c; lb., 60c.

Thick Leaf (Viroflay). The favorite variety for early spring or fall crop. Quick grower and an immense yielder. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 60c.

Long Season. A variety quite similar to Victoria, but more wrinkled. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 60c.

Everlasting, or New Zealand. Distinct; endures heat; best for summer. Thrives during the hot weather in any soil, rich or poor. The tender shoots are of good quality and may be cut throughout the summer. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

King of Denmark. This splendid new sort from Denmark is undoubtedly the most valuable introduction of Spinach in recent years. Remains in condition from one to two weeks after other varieties have gone to seed. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.00.



Johnson's Norbek Spinach

Bloodsdales Savoy Leaved (Norfolk Savoy). Very early and hardy, and one of the best for market. Plant of upright growth; leaves of medium size, more or less crumpled and blistered; color glossy deep green. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 60c.

Early Giant Thick Leaved. One of the largest sized varieties, sometimes measuring 2 feet across. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 60c.

SQUASH

ZUCCA—MIEKURZ

Mammoth Yellow Bush Scalloped or Golden Custard. This is identical to the Mammoth White Bush, but the fruits are even larger and have a rich, golden orange yellow flesh. Pkt., 10c; oz., 20c; ¼ lb., 45c.

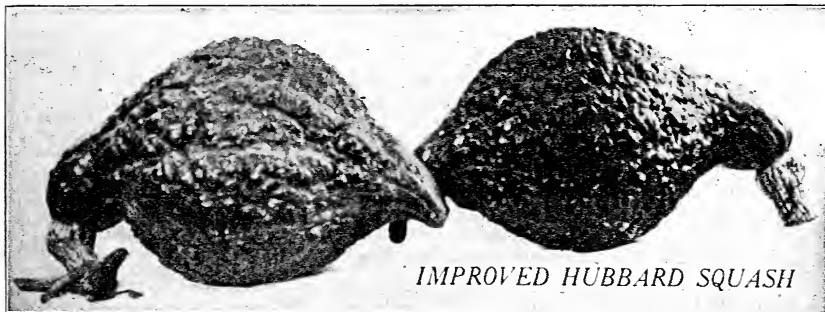
Mammoth White Bush Scalloped. True bush growth, and produces large fruits with scalloped edges, frequently 12 to 14 inches in diameter. Pkt., 10c; oz., 20c; ¼ lb., 50c.

Giant Italian Summer. This is about the size and shape of a baseball bat. Very popular where there is a large foreign population. Color white. Must be used before becoming hard. Pkt., 15c; oz., 30c; ¼ lb., 75c.

Warted Hubbard. Similar in size and quality to the well known Hubbard, but is more heavily warted and a very dark green, almost black, in color. Our stock of this variety is exceptionally true. Pkt., 10c; oz., 20c; ¼ lb., 55c.

Fordhook. A small, oblong variety, excellent for summer or winter; fruits 8 to 10 inches long. Pkt., 10c; oz., 25c; ¼ lb., 60c.

Des Moines. This is a small acorn-shaped, dark green Squash, almost black, about 5 or 6 inches long and 4 inches in diameter. The ground is literally dotted with the dark-colored Squashes, which are the very essence of quality. It makes excellent pies and can be cooked whole when young, and it is also a good keeper. Baked halves of Des Moines Squash always cause favorable comment. Pkt., 15c; oz., 30c; ¼ lb., 85c.



IMPROVED HUBBARD SQUASH

Golden Hubbard. The shell is moderately warted, hard, strong and of a rich orange red color. Flesh deep orange. dry and of best quality; good keeper. Pkt., 10c; oz., 20c; ¼ lb., 55c.

Delicata. An early ripening winter sort producing oblong fruits. Orange yellow, striped with green. Known as "Sweet Potato" Squash. Pkt., 10c; oz., 25c; ¼ lb., 65c.

Giant Summer Crookneck. (Bush). The largest and one of the earliest summer varieties. Fruits warty. Pkt., 10c; oz., 20c; ¼ lb., 55c.

Improved Hubbard. The standard winter squash; fruits large, heavy and moderately warted; shell dark bronze green, showing more or less light green markings toward blossom end; flesh bright orange yellow, fine grained, thick and dry. Pkt., 10c; oz., 20c; ¼ lb., 55c.

Blue Hubbard. (New.) A large variety having a hard, blue-grey shell. It is a long-keeping sort and of finest quality. Pkt., 15c; oz., 55c; ¼ lb., \$1.50.

VEGETABLE MARROWS

Long Cream. A vine variety. Oblong shape, with smooth creamy-white skin. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$2.00.

English Marrow. A bush variety. Fruits shorter than Long Cream. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.75.

Long Green. Long and rather slim, with striped green skin; a vine variety. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$2.00.

Cocozelle Bush. Oblong; skin green striped; excellent quality. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.75.

TOMATO

POMO D'ORO—POMIDOR

One ounce will produce from 1,000 to 2,000 plants

Culture. Sow from March to April 15th in a hotbed or greenhouse, where the temperature is never below 60 degrees. About the first of June they may be transferred to the open ground. Set them deeply, four feet apart, and a shovelful of rotted manure should be mixed in the earth of each hill.

Early Red Varieties

NEW WAYAHEAD TOMATO. A distinct new type which has all the good qualities of Earliana and is, in addition, extra-hardy, vigorous, disease-resistant and a heavy producer, continuing to bear long after the first picking is taken off. Its most distinctive feature is the foliage which is of the potato-leaved type, a characteristic that has always been associated with unusual vigor and resistance to blight, etc. the fruits are of good size, smooth, solid, bright red and of fine quality. Will ripen as early, if not a few days earlier, than Earliana and is, therefore, the earliest Tomato in cultivation. **Pkt., 15c; ¼ oz., 30c; oz., 80c; ¼ lb., \$2.75; lb., \$8.00.**

Redhead. An early, deep red variety of good size and shape. It is very meaty and nearly free from cracks. Fruit is very smooth and runs quite uniform in size; very productive. **Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.50; lb., \$5.00.**

Spark's Earliana. Ready to pick 100 days after the seed is sown. Medium size, handsome shape, bright red; quite solid; of rather acid quality. Season of bearing short. **Pkt., 10c; oz., 40c; ¼ lb., \$1.40; lb., \$3.75.**

John Baer. Ripening a few days after Earliana, produces larger fruits and plenty of them. On account of its wider soil adaptability, it is a better kind to grow for first-early in the home-garden than Earliana. Always smooth, semi-globe-shaped, bright red; quality excellent. **Pkt., 10c; oz., 45c; ¼ lb., \$1.35; lb., \$4.50.**

Manyfold. Ripening with Bonny Best and bearing fruits which are nearly as large, Manyfold will outyield any early, large-fruited Tomato in cultivation. Moreover, Manyfold leads in quality. The fruits, which are nearly true globe-shaped, are fine for eating raw, as well as for canning and ketchup-making. **Pkt., 10c; oz., 50c; ¼ lb., \$1.50; lb., \$5.00.**



Johnson's Stock Earliana Tomatoes

Bonny Best. Follows Earliana by about ten days and is, without a doubt, the most widely grown early Tomato. The fruits are slightly larger than those of Manyfold, averaging 3½ inches in diameter, and the plants are almost as prolific. Although Bonny Best does not have a long bearing season, the yield is so large under any conditions as to make it a most profitable variety to grow. Particularly suited for light, sandy soils; fruit smooth and solid, ripening uniformly; bright red. **Pkt., 10c; oz., 45c; ¼ lb., \$1.35; lb., \$4.50.**

Chalk's Jewel. Later than Bonny Best; fruits slightly larger, and a better yielder, particularly on heavy soils on which it produces enormous crops and bears for a long season. Fruit solid, bright crimson and of fine quality. **Pkt., 10c; oz., 40c; ¼ lb., \$1.25; lb., \$4.00.**

Main-Crop Red Varieties

Greater Baltimore. A select strain of Stone, ripening several days earlier and nearly as productive. Largely grown for canning in the northern states. **Pkt., 10c; oz., 45c; ¼ lb., \$1.35; lb., \$4.50.**

Stone. An old favorite—the standard Tomato for main-crop and canning. Immensely productive; fruits large and smooth, bright scarlet, solid and meaty. **Pkt., 10c; oz., 35c; ¼ lb., \$1.25; lb., \$3.50.**

Matchless. Another strain of Stone, with extra-large fruits; late but the heaviest yielder of all. The best main-crop variety for the home-garden. Rich cardinal-red; flesh solid and of the finest quality. **Pkt., 10c; oz., 35c; ¼ lb., \$1.25; lb., \$4.00.**

Enormous, or Red Ponderosa. A crimson-fruited counterpart to the famous Ponderosa. Largest size and finest quality. **Pkt., 15c; ½ oz., 35c; oz., 65c; ¼ lb., \$2.15; lb., \$6.50.**

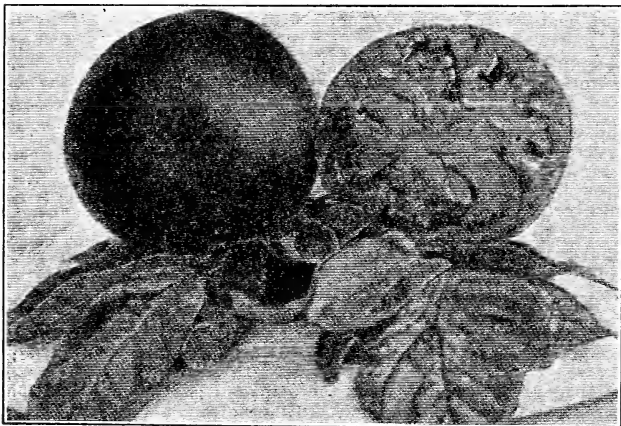
Dwarf Tomatoes

When fully grown, the plants average 3 feet tall by 2 feet across. They should be tied to short stakes. Ideal for the small home garden.

Dwarf Stone. The most popular of the dwarf kinds; quite early and a heavy cropper. Fruits large and solid, deep scarlet. **Pkt., 10c; oz., 45c; ¼ lb., \$1.35; lb., \$4.50.**

Dwarf Giant, or Dwarf Ponderosa. Furlish crimson fruits of the largest size; flesh solid and contains few seeds. **Pkt., 10c; oz., 65c; ¼ lb., \$1.95; lb., \$6.50.**

Dwarf Champion. Stocky plants, maturing early and bearing a large crop of medium-sized, smooth, purplish pink fruits. **Pkt., 10c; oz., 50c; ¼ lb., \$1.50; lb., \$5.00.**



New Wayhead Tomatoes



Johnson's Improved Beauty Tomatoes

Greenhouse Tomatoes

English Comet. This is a splendid variety for greenhouse. It is very short-jointed, fruiting close up to the stem. The tomatoes are of a good medium size, quite smooth, very solid and of a deep scarlet color. Pkt., 15c; ½ oz., 35c.

Sutton's Best of All. Sets freely and is an immense cropper. Fruits smooth, good size; deep scarlet. Pkt., 15c; ½ oz., 35c.

Stirling Castle. An extra-select forcing strain; medium-sized, bright red fruit; very productive. Pkt., 15c; ½ oz., 45c; oz., 80c; ¼ lb., \$2.50; lb., \$8.00.

Sunrise (Carter's). One of the best of the English forcing Tomatoes. Pkt., 15c; ½ oz., 45c; oz., 80c; ¼ lb., \$2.50; lb., \$8.00.

How to Stake and Prune for Biggest Crops

Staked plants will bear from 30 to 50 per cent more of perfect fruits than any plants that spread over the ground. About July 4 place 5-foot stakes within 2 inches of the base of each plant. Then, with a sharp knife reduce each plant to 3 of the strongest branches. Tie the branches to the stake, and as the branches climb, remove all side-shoots at the base of each plant and all suckers which develop at the leaf-joints. When the plants reach the top of the stakes, begin to prune out the centers also.

Pink Tomatoes

June Pink. Identical with Earliana, but pink in color. A good producer and resistant to blight. 100 days. Pkt., 10c; oz., 60c; ¼ lb., \$1.85; lb., \$6.00.

Early Detroit. Follows June Pink; fruits larger, uniformly smooth and well-colored. A good producer on any soil. Pkt., 10c; oz., 45c; ¼ lb., \$1.35; lb., \$4.50.

Gulf State Market. (New.) The finest early purple-fruited Tomato. Ripens with Early Detroit but is larger, more solid and more globe-shaped. Productive and a good shipper. Pkt., 10c; oz., 65c; ¼ lb., \$1.95; lb., \$6.50.

GLOBE. An outstanding variety; most valuable purple Tomato. Commencing to bear in early mid-season, it produces an enormous crop of handsome, distinctly globe-shaped fruits of the very finest quality. On light or sandy soils the yield is considerably reduced, so we recommend Globe particularly for medium and heavy soils, under which conditions it is sure to satisfy the most critical of Tomato growers. As a home-garden Tomato it is unexcelled, being suitable for salads, stewing, canning—in fact, for every purpose. In addition, it is one of the best shipping varieties. Smooth purplish pink. Pkt., 10c; oz., 60c; ¼ lb., \$1.85; lb., \$6.00.

Beauty. Johnson's Improved. A productive main-crop variety; fruits of good size, smooth, solid, never cracking; quality excellent. Pkt., 10c; oz., 40c; ¼ lb., \$1.25; lb., \$4.00.

Ponderosa. The largest of all Tomatoes, regardless of color. Properly grown, a single plant will often bear from 20 to 30 large fruits, generally in clusters of three, each cluster weighing from 1½ to 2 pounds. Our strain has been carefully selected, and much of the roughness for which this sort was noted has been removed. Its quality is unsurpassed and, although it is not suitable for market, it is one of the most desirable Tomatoes for the home garden. Pkt., 10c; ½ oz., 40c; oz., 70c; ¼ lb., \$2.75; lb., \$7.00.

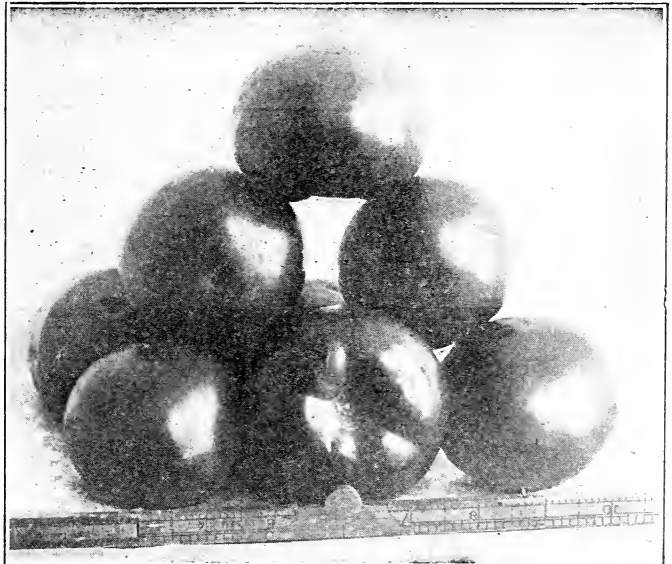
Truckers' Favorite. A purple-fruited counterpart to Stone. Extremely productive; fruits large, solid, smooth and of the finest quality. A few days later than Beauty but a heavier cropper. Pkt. 10c; oz., 45c; ¼ lb., \$1.25; lb., \$4.50.

Yellow Ponderosa. Similar in size and growth to Ponderosa; clear golden yellow; solid and mild in flavor. Pkt., 15c; oz., 60c; ¼ lb. \$1.85; lb., \$6.00.

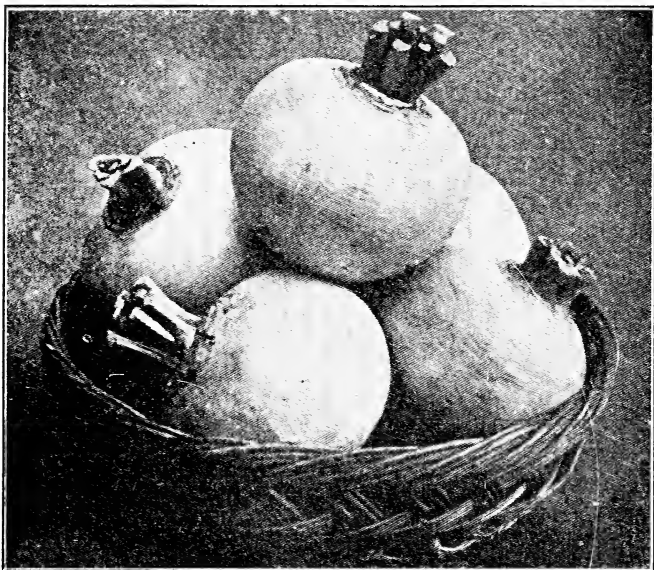
Golden Queen. About size and form of Beauty; smooth golden yellow. Pkt., 5c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.50.

Preserving Tomatoes

The following small-fruited varieties are used for making preserves, and are also quite ornamental. **Pear-shaped Red, Pear-shaped Yellow, Yellow Plum, Yellow Cherry, Red Cherry, Red Currant, Red Peach, Strawberry, or Ground Cherry.** Pkt., 10c; ½ oz., 25c; oz., 45c.



New Extra Early Wayhead Tomato



Purple Top White Globe Turnips

TABLE TURNIPS

For early use sow as soon as the ground can be prepared. Sow for succession at intervals of a fortnight, until the last of August.

White Fleshed Turnips

Purple Top White Globe. (See cut.) This is one of the handsomest and most salable Turnips. Very desirable for either home or market gardens. It is a large, rapid growing sort, with globular shaped roots. Flesh is pure white and the top bright purple. On account of its shape it will outyield any other sort and is always a sure cropper. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.50.

Early White Egg. (See cut.) Matures very quickly and is adapted for either spring or fall sowing. It is egg-shaped, and very smooth with thin skin. The tops are small and roots which grow partly above the ground are of medium size, pure white skin and flesh which is fine grained and sweet. Pkt., 10c; oz., 20c; ¼ lb., 35c; lb., \$1.10.

Early White Milan. Extra early white of most delicate flavor and tempting appearance. Pkt., 10c; oz., 20c; ¼ lb., 55c.

Purple Top Strap Leaf. A standard sort extensively grown for private use. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.50.

Long White or Cow Horn. A quick growing, long variety, flesh fine-grained, and sweet, excellent for table use. Pkt., 10c; oz., 20c; ¼ lb., 40c; lb., \$1.25.

Early Purple Top Milan. Earliest of all purple-topped Turnips. Pkt., 10c; oz., 20c; ¼ lb., 50c.

Yellow Fleshed Turnips

Golden Ball. A rapid grower of excellent flavor, globe-shaped, medium size; bright yellow color, good keeper and a superior table variety or for use in feeding stock. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.50.

Yellow Aberdeen, Purple Top. Very hardy and productive, good keeper, globe-shaped and fine quality. The Turnips grow to a large size and are valuable for feeding stock. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.50.

Yellow Stone. One of the best flesh sorts for table. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.50.

Golden Ball or Orange Jelly. Its beautiful color and fine flesh give it a high place in home gardens. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00.

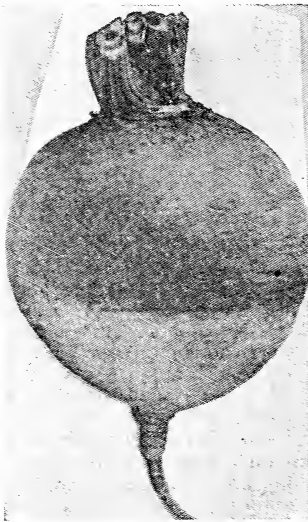
Seven Top. Most excellent for greens. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.50.

Rutabagas

Sow Rutabagas in June and July in drills two feet apart; thin out to nine inches in row.

Improved American Purple Top. A yellow-fleshed purple top variety. Grown either for stock or table. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.50.

Perfection White. The best white variety offered. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50.

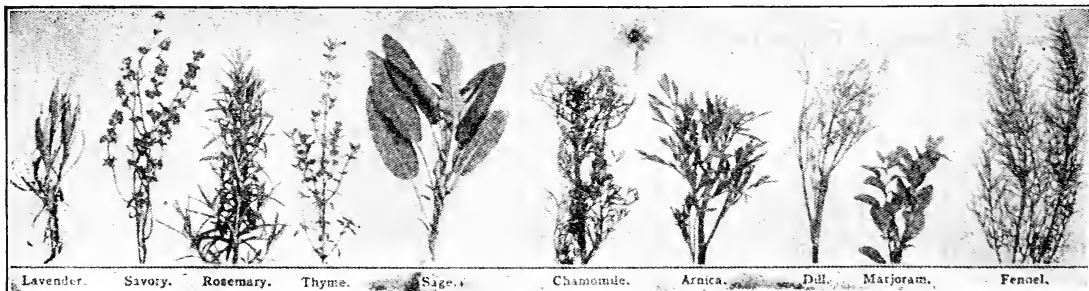


Purple Top Rutabaga

Sweet, Pot and Medicinal Herbs

Anise. Aromatic. Used medicinally. Pkt., 10c; oz., 25c.
Arnica. (P.) Used medicinally. Pkt., 15c; oz., \$1.00.
Balm. (P.) Leaves used medicinally. Pkt., 10c; oz., 35c.
Basil. (A.) Used for flavoring. Pkt., 10c; oz., 35c.
Chamomile. (A.) Emetic, vermifuge. Pkt., 15c; oz., \$1.00.
Caraway. (A.) Seeds used in confectionery. Pkt., 10c; oz., 30c.
Catnip. (P.) Used medicinally. Pkt., 10c; oz., 50c.
Coriander. (A.) Used in confectionery. Pkt., 10c; oz., 20c.
Dill. (A.) Flavoring pickles. Pkt., 10c; oz., 20c; ¼ lb., 50c.
Fennel. (P.) Used for flavoring fish. Pkt., 10c; oz., 25c.
Fennel, Florence. (A.) Used for salads. Pkt., 10c; oz., 35c; ¼ lb., \$1.25.

Horehound. (P.) Used medicinally. Pkt., 10c; oz., 40c.
Lavender. (P.) Valuable for its perfume. Pkt., 10c; oz., 85c.
Marjoram, Sweet. (P.) For flavoring. Pkt., 10c; oz., 60c.
Rosemary. (P.) Valuable as a hair wash. Pkt., 10c; oz., 75c.
Sage. (P.) Used for flavoring. Pkt., 10c; oz., 75c.
Summer Savory. (A.) For flavoring. Pkt., 10c; oz., 45c; ¼ lb., \$1.75.
Sorrel. (P.) Salads and greens. Pkt., 10c; oz., 30c.
Thyme. (P.) Used for seasoning. Pkt., 10c; oz., 75c.
Wormwood. Pkt., 10c; ½ oz., 35c; oz., 60c.



Lavender. Savory. Rosemary. Thyme. Sage. Chamomile. Arnica. Dill. Marjoram. Fennel.

Clovers, Seed Corn, Oats, Potatoes

Johnson's First Choice Yellow Dent

Quick Maturing—Heavy Yielding—Tipped and Butted

This excellent variety possesses so many good points that we offer it as one of the best early yellow Dent Corns. The plant is strong, deep rooted and stocky, enabling it to withstand drought in a remarkable manner. The corn matures in 85 days from planting; this makes it very valuable to farmers in the northern tier of states. It is a very heavy yielding variety, nearly all stalks bearing 2 ears, some 3. The ears average from 7 to 9 inches in length. It will yield more pounds of shelled corn per bushel of ears than many of the late varieties. Prices, qt., 25c; ½ pk., 65c; pk., \$1.25; bu., \$4.00.

Early Huron Yellow Dent

Stalks grow about 7 to 8 feet high. Ears measuring 8 to 10 inches in length. Color is a clean, light golden. Cobs small, shank easily broken in husking. The seed we offer has been grown in Northern Ohio for many years. Prices, qt., 20c; ½ pk., 60c; pk., \$1.00; bu., \$3.50.

Clover Seed (Write for prices per bus.)

Red Clover, Medium (Trifolium pratense). Sow spring or fall, 10 or 15 lbs. per acre. Lb., postpaid, 70c.

Red Clover, Mammoth (Trifolium pratense perenne). For plowing under. 10 to 15 lbs. per acre. Lb., postpaid, 80c.

Alsike or Swedish Clover (Trifolium hybridum). 8 lbs. to the acre when used alone. Lb., postpaid, 55c.

White Dutch Clover (Trifolium repens). 8 lbs. to the acre alone. Oz., 10c; ¼ lb., 30c; ½ lb., 50c; lb., 95c, postpaid. By express or freight, at purchaser's expense, lb., 85c; 5 lbs., \$4.00; 10 lbs., \$7.75; bu. (60 lbs.), \$45.00; 100 lbs., \$75.00.

Sweet Clover, Bokhara (Melilotus alba). Grown for Bee food and as fertilizer. 20 lbs. to the acre. Lb., postpaid, 50c.

Japan Clover (Lespedeza striata). 14 lbs. to the acre. Lb., 60c, postpaid; 14 lbs., \$6.00; 100 lbs., \$40.00.

Crimson, or Scarlet Clover. Valuable for hay, or for cover crop or green manuring. 20 lbs. per acre. Lb., postpaid, 50c.

Alfalfa, or Lucerne (Medicago sativa). Produces 3 to 4 heavy crops in a season. Lb., 60c, postpaid.

Oats, Choicest Montana-Grown

Standard bushel weighs 32 lbs.

Early Newmarket. An unsurpassed new English pedigree Oats. Of vigorous growth, with strong straw. Very early and producing heavy crops of large, plump Oats with very thin heads.

Swedish, or Washington. Earliest of the heavy-yielding sorts; grains white, large, and plump. Very prolific.

Storm King. Grain short, plump, and thin-skinned. A heavy cropper. Straw stiff and strong. The best of the Slide Oats.

New Victory. This splendid white branch Oat has straw of good length, stands up well and has good root system.

NORTHERN-GROWN SEED POTATOES

Our Potatoes are all choicest northern-grown stock, grown especially for seed purposes. At the date this catalogue goes to press, prices are unsettled, and as there is every possibility that we will be able to quote better prices later than we could now, we name no prices herein. Intending purchasers will please send us a list of their requirements and we will quote lowest possible prices as soon as the market is settled. A bushel of Seed Potatoes weighs 60 pounds; a standard sack contains 165 pounds, or 2¾ bushels. Ten to 12 bushels will plant an acre.

We send out no Potatoes in spring before danger of frost is past

Bovee. A fine extra-early Potato. Very productive; vines dwarf and stocky; tubers long and blunted, growing very close together in the hills; skin creamy white tinged with pink.

Carman No. 3. A very popular and reliable late Potato. Large, oblong, slightly flattened.

Dibble's Russet. A late variety, noted for its vigor, productiveness and freedom from disease. Large, round tubers with white skin, netted golden russet; finest quality.

Early Ohio. Extra-early; tubers rough in the skin; nearly round and quite distinct; cooks dry and mealy. Leads in quality.

Early Rose, Improved. An improvement on Early

Improved Leaming Yellow Dent

Improved Leaming is medium early. The ears are large with very deep bright yellow kernels. The cob is small. The stalks grow to a medium height and often produce two large ears and make first-class fodder. One of the best varieties to sow for fodder and ensilage, as well as feed grain. Prices, qt., 20c; ½ pk., 60c; pk., \$1.00; bu., \$3.50.

Northern Ohio White Dent

The brightest silver colored Corn. The ears are very large, extra long, medium depth of kernel, extremely firm and solid. It weighs like lead and shells out remarkably well; it matures early, having originated in Northern Ohio. It is very hardy, having a broad kernel, which assures strong germinating power. Prices, qt., 20c; ½ pk., 60c; pk., \$1.00; bu., \$3.50.

Ensilage Corn

Sow 1 to 1½ bushels to the acre, in rows 3½ feet apart.

Red Cob Ensilage. One of the very best varieties and grows well in all sections. It is a pure white Corn on a red cob, making a growth of stalk measuring 12 to 14 feet high. Price, pk. (14 lbs.), \$1.15; bu. (56 lbs.), \$4.00.

MULFORD CULTURES

Inoculate all your legume crops with Mulford Culture Concentrates. Especially recommended because they contain enormous numbers of active, vigorous nitrogen-fixing bacteria, grown from pure, tested strains.

Always specify on your order what crop you want to inoculate.

FOR SMALL SEEDS

10, 2½, 1 and ½ bushel sizes	
Alfalfa	Crimson Clover
Burr Clover	Red Clover
Sweet Clover	Alsike Clover
Yellow Clover	Berseem Clover
Sainfoin	White Clover
Lespedeza	Mammoth Clover
	Beggarweed
10 bushel size	\$5.00
2½ bushel size	2.25
1 bushel size	1.00
½ bushel size	.60

FOR LARGE SEEDS

20, 5, 2 and 1 bushel sizes	
Canada Field Peas	Cow Peas
Garden Peas	Velvet Beans
Perennial Peas	Peanuts
Vetch	Soy Beans
Lupins	Mung Beans
	Garden Beans
	Lima Beans
20 bushel size	\$5.00
5 bushel size	2.25
2 bushel size	1.00
1 bushel size	.60

Garden size (composite culture for Garden Beans, Garden Peas, Lima Beans and Sweet Peas)... .35

WRITE FOR PRICES

FLOWER SEEDS FOR VARIOUS PURPOSES AND SITUATIONS

For description and prices, see general list

CLIMBING VINES FROM SEEDS

Balloon Vine	Convolvulus	Gourds	Lathyrus	Maurandia	Sweet Peas
Canary Bird Vine	Cypress Vine	Humulus	Kenilworth Ivy	Nasturtium	Thunbergia
Cobaea	Dolichos	Ipomaea	Kudzu Vine		

FRAGRANT FLOWERS FROM SEEDS

Alyssum	Dianthus	Mignonette	Polyanthus	Sweet Rocket	Violet
Carnations	(Hardy)	Mimulus Mos-	Scabiosa	Sweet Sultan	Wallflower
Cleome	Heliotrope	chatus	Stock	Sweet William	
	Lavender	Nicotiana affinis	Sweet Pea	Verbena, Lemon	

PLANTS ADAPTED FOR EDGING BORDERS

Ageratum	Bellis	Marigold	Nigella	Portulaca	Sweet William
Alyssum	Candytuft	Myosotis	Pennisetum	Pyrethrum	Tagetes
Artemisia	Centaurea	Nasturtium	Petunia	Sweet Pea,	Viola
Begonia	Lobelia	Nemesia	Phlox, Dwarf	Cupids	Zinnia haageana

GREENHOUSE AND POT PLANTS FROM SEEDS

Abutilon	Calceolaria	Cyclamen	Gloxinia	Primula	Stocks
Acacia	Celosia	Dracaena	Grevillea	Shamrock	Streptocarpus
Antirrhinum	Chrysanthemum	Geranium	Heliotrope	Smilax	Sweet Peas
Aralia	Cineraria	Ferns	Impatiens	Solanum	Trachelium
Asparagus	Coleus	Freesia	Lantana	Stevia	Verbena
Begonias					

EVERLASTING FLOWERS FOR WINTER DECORATIONS

Acroclinium	Globe Amaranth	Honesty, Lunaria	Rhodanthe	Statice	Xeranthemum
Edelweiss	Helichrysum				

ORNAMENTAL FOLIAGE PLANTS FROM SEEDS

Amaranthus	Centaurea candi-	Centaurea gym-	Coleus	Euphorbia	Pyrethrum aureum
Cineraria maritima	dissima	nocarpa	Corn, Rainbow	Kochia	Ricinus

PLANTS FROM SEEDS SUCCEEDING IN PARTIALLY SHADED PLACES

Anemone	Begonia, Tuberous	Cowslip	Hardy Primrose	Myosotis	Poppies (Hardy)
Antirrhinum	Bellis	Delphinium	Linum	Oenothera	Schizanthus
Aquilegia	Canterbury Bells	Digitalis	Matricaria	Pansy	Torenia
Auricula	Coreopsis (Hardy)	Ferns	Mimulus	Polyanthus	Violet

ANNUAL FLOWERS FROM SEED, SUITABLE FOR CUTTING

Agrostemma	Carnation	Dianthus	Hunnemannia	Phlox	Sunflower
Antirrhinum	Celosia plumosa	Didiscus	Larkspur	Poppies	Sweet Peas
Arctotis	Centaurea	Dimorphotheca	Lavatera	Salpiglossis	Sweet William
Asters	Chrysanthemums	Eschscholtzia	Lupinus	Scabiosa	Verbena
Calendula	Clarkia	Gaillardia	Marigolds	Statice	Wallflower
Calliopsis	Cosmos	Godetia	Mignonette	Stocks, Ten Week	Zinnia
Candytuft	Dahlias	Gypsophila	Nigella		

HARDY PERENNIALS WHICH CAN BE RAISED FROM SEEDS

Achillea	Bellis	Digitalis	Hibiscus	Phlox	Salvia
Aconitum	Bocconia	Echinops	Hollyhocks	Physalis	Scabiosa
Adonis	Boltonia	Edelweiss	Incarvillea	Physostegia	Statice
Agrostemma	Campanula	Eremurus	Lathyrus	Platycodon	Stokesia
Alyssum	Candytuft	Erysimum	Linaria	Polemonium	Sweet William
Anchusa	Centaurea	Eupatorium	Linum	Polyanthus	Trachelium
Anemone	Cerastium	Gaillardia	Lobelia	Poppies	Tritoma
Anthemis	Chrysanthemum	Geum	Lupinus	Potentilla	Valeriana
Aquilegia	Coreopsis	Grasses	Lychnis	Primula	Verbena
Arabis	Cowslip	Gypsophila	Matricaria	Pyrethrum	Veronica
Aster	Delphinium	Helenium	Nierembergia	Rocket	Viola
Aubrietia	Dictamnus	Helianthus	Pansies	Romneya	Violet
Auricula	Dianthus	Heuchera	Pentstemon	Rudbeckia	Wallflower

VARIETIES OF ROCK GARDEN PLANTS FROM SEED

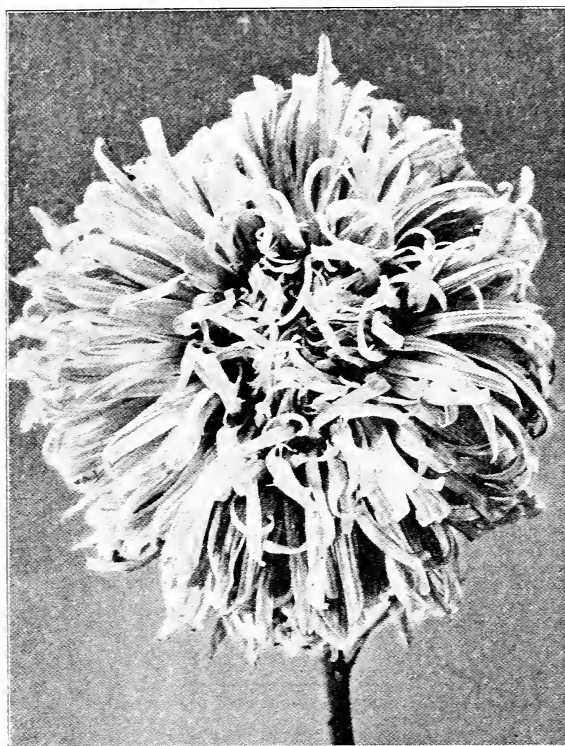
Adonis	Aubrietia	Gypsophila	Lychnis	Primula	Sedum
Alyssum	Campanula	Helianthemum	Myosotis	Pyronaria	Veronica
Anemone	Dianthus	Iberis	Phlox	Saxifraga	Viola
Arabis	Ferns				

Description and prices of any of the above seeds will be found on pages 41 to 58

NOVELTIES AND
SPECIALTIES IN

FLOWER SEEDS

For General List of Flower Seeds, see pages 43 to 62



Aster California Giant

Four Fine Asters

Heart of France. The best pure red Aster ever introduced. Heart of France opens red as a ruby, deepens with age and retains its remarkable beauty to the very end. The petals appear strikingly changeable, showing a glow and sheen quite unique. The flowers are large and full with no trace of a hollow center; the plants are of branching type and very robust; stems long and strong. **Pkt., 25c; 1/8 oz., 60c; 1/4 oz., \$1.00.**

Violet King. The habit is similar to the popular Giant Branching, vigorous growth, long stiff stems. In form the flower is entirely distinct from any other variety; petals somewhat resemble the quilled varieties, but are much larger and broader. In shape and size the bloom is round, full and very large. **Pkt., 25c; 1/8 oz., 60c; 1/4 oz., \$1.00.**

New White Perfection. A distinct race of upright asters. Flower of branching type, snow white, stems long, plant very robust. The full double form of the flower makes a very shy production of seed, hence the following high prices, **Pkt., 25c; 1/8 oz., 50c; 1/4 oz., 80c.**

Pink Enchantress. Flowers soft delicate pink; always full double, petals of medium length and very broad. Plant upright in habit; stems long, strong and graceful. Mid-season. **Pkt. 25c; 1/8 oz., 50c; 1/4 oz., 85c.**

One packet of above Four Asters for only 85c

New California Giant Branching

Asters

We have had this strain under observation for the past few years, and it now fully meets with our ideas as to quality. It is a splendid mid-season to late flowering strain, the result of years of painstaking selection by one of California's leading hybridizers. The plants grow from 3 to 3 1/2 feet high with long strong stems 18 to 24 inches in length, bearing beautifully formed, curled and interlaced flowers 5 inches and over across. The illustration shown on this page was made from a photograph taken on August 20th. We offer the following beautiful colors:

Lavender Blue. Pure White.
Peach Blossom. Purple Violet.
Rich Rose.

Price. Any of the above, 25c per pkt.

Collection containing a packet each of the above 5 colors, \$1.00.

Finest Mixed. Containing all colors. 20c per pkt.; 3 pkts. for 50c.

New Early Beauty Aster

This new strain of the popular Beauty Aster is as early as Crego, and thus has a distinct advantage over the original Beauty Aster, which was too late for many locations. The blooms are magnificent in size, and the long stems are very useful. It is a wonder for continuous blooming. We offer the following most effective colors:

	Pkt.		Pkt.
Carmine Rose	25c	Rose	25c
Lavender	25c	September Beauty	25c
Purple	25c	Finest Mixed	20c

One packet each 5 colors for \$1.00



Early Beauty Aster



Antirrhinum Maximum

Yellow Cosmos (Klondyke)

Golden yellow flowers borne on long stems, and measures from 2½ to 3½ inches across. To get this variety in bloom before frost in the states north of Virginia it should be grown in pots or boxes, so that the roots are confined, thus throwing it into flower. Pkt., 25c; 2 pkts., 40c.

COSMOS

Doubled Crested or Anemone Flowered

It has taken a great deal of care and patience to perfect this strain. The flowers vary considerably in their degree of doubleness, some being absolutely double, while others have a frill or collar surrounding the double disc, and while we think this is the most artistic, they are beautiful in either form, of high value for cutting and garden decoration. We offer both the Early and Late flowering strains. For points north of Cleveland, the early flowering is best.

Easy-flowering Double Cosmos

	Pkt.
Carnelia. Rich rosy crimson.....	\$0.25
Peachblossom. Deep rose-pink.....	.25
Whirlwind. Pure white.....	.25
Collection of a packet each of the 3 early doubles.	60c.
Early Double Mixed.....	3 pkts. 50c .20

Late-flowering Double Cosmos

Crimson King. Deep rose crimson...	\$0.20
Pink Beauty. Soft rosy pink.....	.20
White Queen. Pure white.....	.20
Collection of a packet each of the 3 late doubles for 50c.	
Late Double Mixed. All colors.....	
.....	2 pkts. 25c .15

Super-Giant Snapdragons

(Antirrhinum Majus Maximum)

This wonderful new group of Snapdragons far surpasses anything yet introduced. In habit they are slightly taller than the Majus group. The flowers are of magnificent size closely placed on the spike. The group as a whole is slightly variable in size and color.

Appleblossom. Soft appleblossom-pink.

Bunch of Lilac. Lilac, purple.

Canary Bird. Canary yellow with deep yellow lip.

Copper King. Bronzy copper color.

Diamond. Golden yellow, lilac throat.

Golden Queen. Deep yellow.

Indian Summer. Copper brown.

Old Gold. Rose on yellow ground.

Purple King. Deep glowing purple.

Snowflake. Dazzling white.

The Rose. Rich rose-pink.

Price. Any of the above, 25c per pkt.

Collection containing a packet each of the 11 sorts, \$2.00.

Super-giant Mixed. All colors, 25c per pkt.; 3 pkts. for 65c.

Three Beautiful Snapdragons

The sorts offered below belong to the Grandiflora Half dwarf section, and are unusually attractive in color.

Gloria. Rich, glittering deep rose, most effective for bedding or cutting.

Prima Donna. Splendid spikes, large flowers of charming color, being amber overlaid chamois effect apricot-pink.

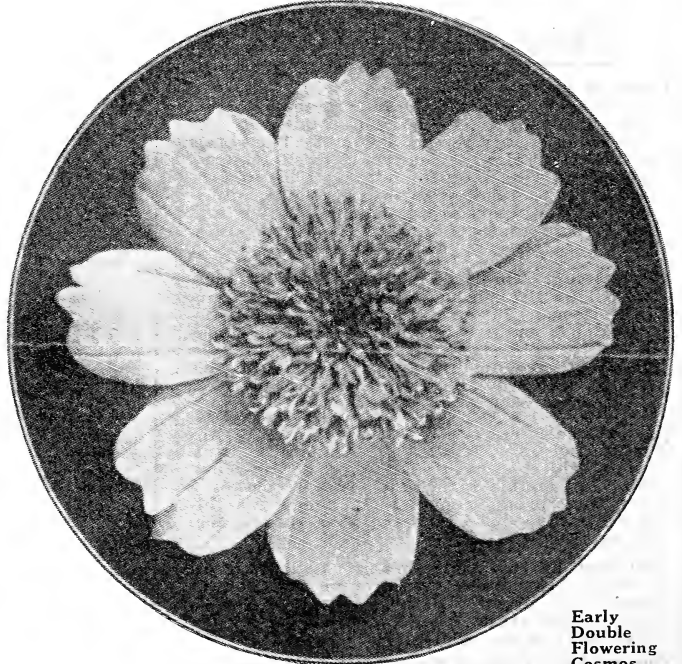
Peerless Pink. One of our own introduction. The flowers are of immense size, two inches and over across, and the color, an even tone of soft shell-pink, the finest clear pink variety yet introduced.

Price. Any of the above 50c per pkt.

Collection of a packet each of the three sorts for \$1.25.

Candytuft

Giant Hyacinth Flowered White Extra Select. A very select strain worked up from a single plant selection made in 1916. This parent plant threw ten perfect spikes, but the average from the offspring is six and seven. We believe this to be the finest strain of this variety offered. Pkt. 25c; ¼ oz., 55c; oz., \$1.75.



Early
Double
Flowering
Cosmos

Gaillardia Grandiflora

"DAZZLER"

Few flowers rival the Gaillardia for making a gorgeous display in the garden and this fine new variety is an advance on all others of its class. Originating from Lady Rolleston it produces larger flowers with wider florets, often attaining a diameter of 4 to 5 inches. The color is a bright golden yellow with rich maroon-red center, the two tints bearing a well-balanced and harmonious proportion to each other. The plant is vigorous, throwing up a profusion of long and erect flower stalks, which provide excellent material for cutting and are unsurpassable for table decoration. This novelty comes very nearly true from seed. Pkt., 25c; 3 pkts., 65c.



Gaillardia Grandiflora "Dazzler"



Gaillardia—Portola Hybrids

Gaillardia Grandiflora

Portola Hybrids

(NEW)

This superb new strain of Gaillardias bears flowers of very large size, the color ranging through shades of bronzy red with the characteristic golden tipped petalage and robust vigor of the well known Portola variety. A splendid cut flower. Pkt., 35c; ½ oz., \$1.00.

New Antirrhinum (Snapdragon)

Katherine Morse. A new color and form of flower in Antirrhinum. The color is soft tones of old rose and yellow. The tube is soft old rose and face of flower yellow suffused with old rose. The top of the flower is beautifully waved. Pkt., 25c.

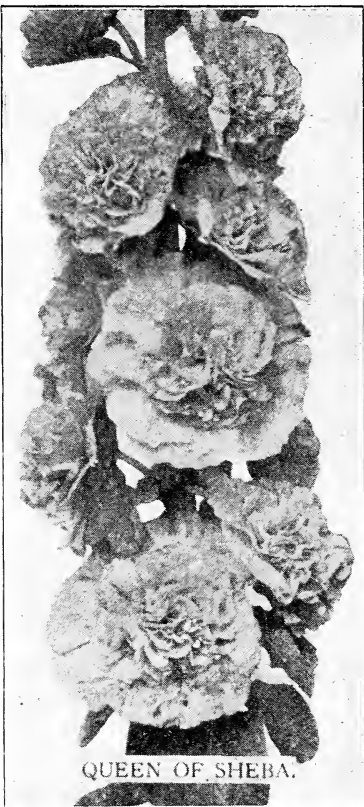
Orange King Calendula

Ball's Greenhouse Strain. This is an exceptionally fine Calendula for forcing. Color orange with a light center; long stems with very large uniformly double flowers. A very select strain grown for us with the greatest care for our customers. The plants in the open ground under ordinary field cultivation attain a growth of eighteen inches high and produce blossoms three and a half inches in diameter. What they will do under intensive hothouse culture can be left to the imagination. Pkt., 25c; ¼ oz., \$1.00; ½ oz., \$1.80; oz., \$3.25.

New Hollyhock

"QUEEN OF SHEBA"

A unique color in the highly perfected class of Chater's Double Hollyhocks. The very double and finely formed flowers of this superb variety are of a beautiful primrose-buff hue with rosy reflections, a lovely and most effective coloring and a great acquisition to the varied range already existing in this stately and highly decorative species. Pkt., 25c; 2 for 40c.



THREE BALCONY PETUNIAS

These three varieties, which we offer here this year in order to give them wider prominence, are a select type of the plain edged Petunia which by reason of the habit of the plant is well adapted for window-box culture. The plants are symmetrically formed, grow about 1 foot high, and the flowers are rich and pure, measuring 3 inches across. We offer them in three distinct colors: Balcony Blue, Balcony Rose and Balcony White. Mixture of all three. Each pkt., 20c; 3 pkts., 50c.

POPPY

American Legion. This new single Shirley poppy is a dazzling orange-scarlet of enormous size, borne on long, stout stems. The plants are of very erect robust growth and the flowers are wonderful keepers when cut in bud. A bunch was a beautiful sight for several days when put in water after a four-day trip from California in an ordinary box without the benefit of refrigeration. Pkt., 15c; oz., 80c.

Sunbeams. This is the result of a cross between the Shirley and Nudicaule types. The flowers are charming shades of orange, salmon, maize and other tints. The blooms keep well in water which makes it a fine cut flower for baskets or vases. Pkt., 25c.

Nudicaule New Art Shades. A charming collection of colors in the Iceland Poppy family, including apricot, burnt orange and lovely pink shades. Pkt., 25c; 2 pkts., 40c.

NEW PETUNIAS

Large Flowering

Dwarf California Giants. The habit of the plant is very dwarf, flowers very large and of the finest substance, very fine range of color. Pkt., 30c.

Copper Rose. Enormous flowers of wonderful color with a deep white throat, deeply veined—a shade that attracts and holds your attention. The substance of the petals is firm with a velvety surface. Free flowering, but shy seeder. Pkt., 30c.

Pink Glory. The color is pure flame rose pink without a trace of purple. The flowers measure 3 to 4 inches in diameter and are slightly ruffled. The plants grow compact to a height of 12 to 15 inches and are continually covered with flowers. Excellent for bedding. Pkt., 30c.

Romany Lass. One of the finest introductions of recent years. The flowers are of the large Fluffy Ruffle type. The color is a clear bright velvety blood red with purple throat, striped in black. Pkt., 30c.

Small Flowering

Blue Bird (Nana Erecta Violacea). A fine companion to Rosy Morn, same habit and freedom of bloom. Color steel blue, splendid for borders, pots or window boxes. The best small-flowered blue, compact Petunia to date. Pkt., 25c.

Rose of Heaven. Color rich brilliant rose, with inconspicuous white throat, darker than Rosy Morn, a compact grower, very free blooming, the flowers cover the foliage. Unexcelled for pots, window boxes and bedding—a truly wonderful acquisition. Pkt., 25c.



Balcony Petunias

NEW PERPETUAL-FLOWERING HARDY PINKS

(*Dianthus Allwoodi*)

We have offered plants of this beautiful strain of Hardy Pinks for several years, and are again able to offer the seed, our supply of which comes to us direct from the introducer, a noted English specialist. It is expected that the seed will produce an average of 75% double, deliciously clove-scented flowers in many colors. They are perfectly hardy, and flower continuously from spring until late in the autumn. **Pkt., 50c; 3 pkts., \$1.25.**

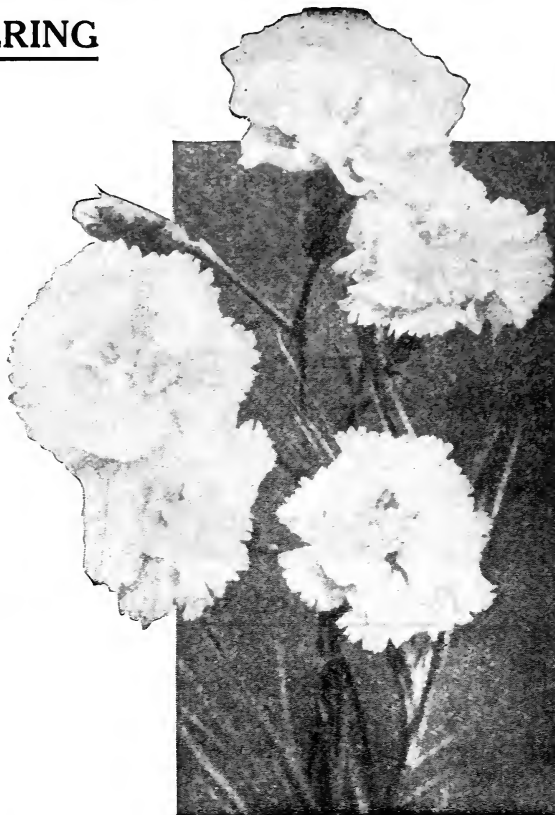
SWEET WILLIAM

(*Dianthus Barbatus*)

Johnson's Giants. The range of color includes shades which are not to be found in other strains, and the peculiar and delicate marking on the flowers are most attractive.

Johnson's Giants are a great improvement on the old-fashioned kinds, inasmuch as the colors and size of flower are far superior, being grown from selected seed. Sweet Williams look well in solid beds or masses and require a good, rich, well manured soil to grow them to perfection, excellent border plants and fine for cut flowers. Plants grow 18 to 24 inches high. **Pkt., 25c; 2 pkts., 45c.**

Dentosus Hybrids. An exceedingly effective strain of alpine Pinks of hybrid origin, neat tufted habit, producing their gaudy flowers in the greatest profusion throughout the summer and autumn months. Flowers are large and exceedingly varied, from snow-white to the deepest crimson, splashed, spotted and fringed in the most fantastic manner. Totally distinct from anything yet seen in this family. **Pkt., 25c.**



New Perpetual-Flowering Hardy Pinks
(*Dianthus Allwoodi*)

LILIUM REGALE

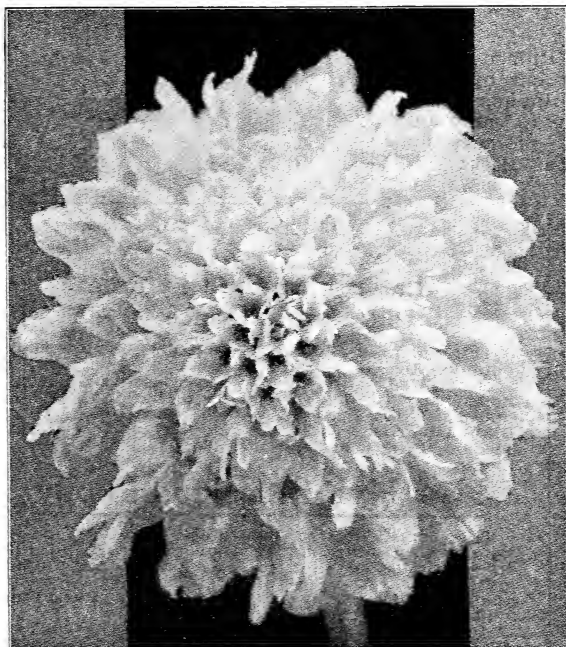
(The Regal Lily)

It is absolutely hardy, and is excellent for forcing. It has been predicted that this will become the Easter Lily of the future, and being so hardy, may be grown at home. The flowers are white, slightly suffused with pink, with a beautiful shade of canary yellow at the center, and extending part way up the trumpet. It is delightfully perfumed, reminding one of the jasmine, and lacking the heavy oppressive odor of most lilies. Blooms out of doors early in July, and seedling bulbs will flower the second year. **Pkt. (20 seed), 35c; 3 pkts., \$1.00.**

Chinese Woolflower

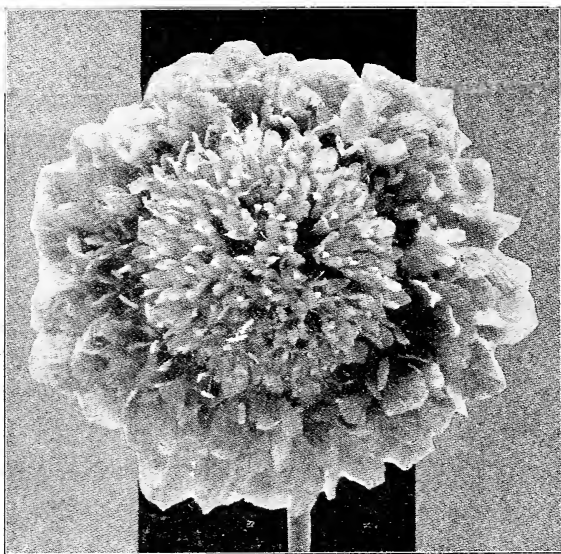
(*Celosia Childsi*)

This unique type of *Celosia plumosa* forms large globular heads like balls of wool or chenille, which looks as if made out of some silky material. The plants 2 to 3 feet in height, branch freely, each branch terminating with a flowerhead. It continues to flower from early summer until frost, and is very effective for gardens, either massed or grown as individuals. Valuable for cutting as they retain their bright color for weeks. **Crimson, pkt., 15c; Pink, pkt., 15c; Mixed, pkt., 15c.**



New Scabiosa—Shasta

A pure white of enormous size, the flowers measuring three and a half inches across the extremely long stems. **Pkt., 25c; ½ oz., 50c.**



New "Royal Bouquet" Verbena

Wonderful as the Verbena is as a decorative plant for summer bedding, its usefulness has always been limited by its carpet-like spreading habit, and gardeners have long desired to have the plant in a compact and upright growing form. This New Variety forms a plant 15 to 18 inches high and not more than 10 inches across, no lateral branches being thrown out, and what gives this novelty its special value is the fact that the flowers will compare in size and variety of color with those of the finest strains of Auricula-eyed Verbena. Suitable for growing in pots. Mixed Colors. In packets only, 25c.

PETUNIA

Special Ruffled Giants. Our wonderful strain of Ruffled Giants should not be confused with the strains sent out by other growers under this name. The flowers are of immense size, beautifully ruffled and have been rogued down to color and form by a famous Petunia specialist. We make the assertion that there is not a finer strain of this famous Petunia in existence. Pkt., 25c; 5 pkts., \$1.00.



New Scabiosa—Peach Blossom

"Highly Commended" by the Royal Horticultural Society of Great Britain. A beautiful shade of Peach Blossom Pink, large size and long stems. An excellent cut flower. Pkt., 25c; $\frac{1}{8}$ oz., 50c.

Cheiranthus Linifolium

(Alpine Wallflower)

A very pretty biennial which can be treated as an annual, flowering freely throughout the summer from seed sown in spring. It forms compact plants about 9 inches high with numerous small spikes of bright mauve flowers, an unusual color and makes a very neat line and is particularly adapted for planting on a rockery. Pkt., 15c; 2 pkts., 25c.



New Verbena, "Royal Bouquet"

Large Flowering Petunia Purple Prince

This splendid rich velvety purple-violet variety belongs to the Grandiflora or large-flowering section, and while not as free as its smaller-flowering relatives, the quality of its blooms make up in effectiveness for what is lost in quality. Like all others of this section it is a very shy seeder. Pkt., 35c; 3 pkts., \$1.00.

New Hybrid Iceland Poppy

This beautiful strain of these charming hardy Poppies is being improved every year, and the stock which we offer this season will be found much finer than heretofore, containing a great number of lovely new shades of color. Pkt., 15c; 2 pkts., 25c.

Oriental Poppy

(*P. orientale*)

Orientele, New Hybrids. Immense flowers, many of them larger than Orientale, the colors varying from bluish-white to orange and deep red. 3 ft. Pkt., 25c; $\frac{1}{8}$ oz., \$1.00.

Eight Superb Newer Orchid-Flowered Sweet Peas

We have selected the following out of the large number of new sorts of recent introduction and consider them the finest collection of newer sorts ever brought together.

Crimson King. This grand novelty is the finest and richest Crimson Sweet Pea ever introduced, of strong, vigorous growth and bearing usually four extra large wavy blossoms on long strong stems held well above the foliage so that none of their beauty is lost. Pkt., 20c; oz., 50c; ¼ lb., \$1.50.

Defiance. This grand American novelty is undoubtedly the finest orange scarlet, a strong robust grower, flowers of largest size, beautifully waved and absolutely sunproof. Pkt., 20c; oz., 50c; ¼ lb., \$1.50.

Hawthorn Salmon Pink. One of the most attractive of the newer sorts, with flowers of largest size, of a brilliant pink, richly shaded with salmon. A good grower. Pkt., 20c; oz., 50c; ¼ lb., \$1.50.

Hawthorn Scarlet. Of the many scarlet sorts introduced none equals this newcomer in brilliancy and purity of color, which is a real vermilion; the size of the flowers and the free growth of the plants leave nothing to be desired. Pkt., 20c; oz., 50c; ¼ lb., \$1.50.

Heavenly Blue. For years hybridizers have endeavored to produce a real Delphinium-blue Sweet Pea, and in Heavenly Blue have at last succeeded beyond expectations; the immense flowers, well placed on good strong stems are a pure blue self; a novelty of more than usual merit. 25c per pkt.; \$1.00 per oz.; \$3.00 per ¼ lb.

Mary Pickford. A wonderful new variety with nicely waved petals of a dainty clear pink, faintly suffused salmon; borne on four-flowered sprays on strong stems. Distinct and pretty. 25c per pkt.; \$1.00 per oz.; \$3.00 per ¼ lb.

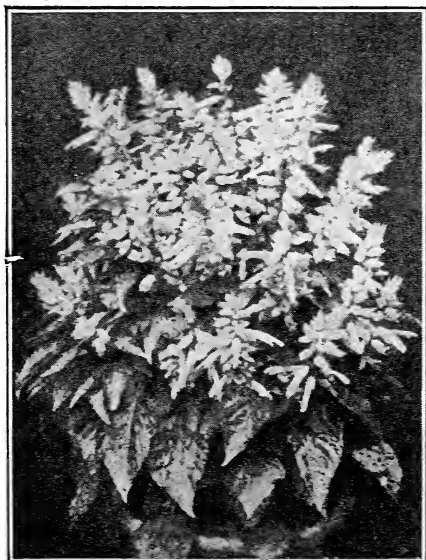
Tangerine Improved. A wonderful glowing tangerine orange color, nicely waved flowers; very effective. Pkt., 20c; oz., 50c; ¼ lb., \$1.50.

Valentine. A grand extra large flowering soft blush pink, of strong, free, vigorous growth. Pkt., 20c; oz., 50c; ¼ lb., \$1.50.



New Sweet Pea, Crimson King

TWO FINE NEW SALVIAS

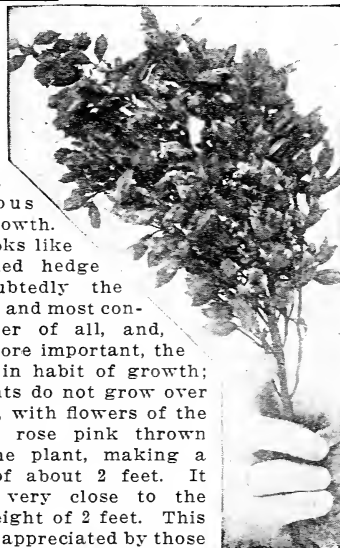


America or Globe of Fire

A new variety of this popular flower. The bushy plants of this New Salvia do not grow over 15 inches high, although, with the large spikes of brilliant scarlet flowers thrown well above the plant, it attains a total height of about 2 feet. If desired for borders or beds, this is indeed an acquisition on account of its uniformity of height. A continuous bloomer. Pkt., 25c; ½ oz., \$1.00; ¼ oz., \$1.75.

New Bouquet Rose Salvia

The outstanding feature of this New Bouquet Rose Salvia is its marvelous evenness of growth. A row of it looks like a well trimmed hedge and is undoubtedly the earliest, freest and most continuous bloomer of all, and, what is still more important, the most uniform in habit of growth; the bushy plants do not grow over 15 inches high, with flowers of the most pleasing rose pink thrown well above the plant, making a total height of about 2 feet. It flowers from very close to the ground to a height of 2 feet. This feature will be appreciated by those who use it for beds or borders. Pkt., 25c; 6 pkts., \$1.25.



Bouquet Rose
Salvia

ZINNIAS

Double Giant Dahlia Flowered

We are pleased to be able to offer this Zinnia in separate colors this year. The plants are of the same vigorous habit as our Giant Double-flowering varieties. They attain the height of 3 feet, producing mammoth flowers averaging 6 inches across by 3 to 4 inches in depth, similar in shape to the Decorative Dahlia. We consider them a fitting companion to our strain of Giant Double-flowering Zinnias.

We offer 11 of the most wanted colors, separately, as well as a splendid mixture of many colors, as below:

Exquisite. Truly DAHLIA flowered as regards form and size. Color light rose with center a deep rose.

Old Rose. This is adequately described by its name, as it is of the real Old Rose Shade.

Illumination. Similar to Exquisite, but a striking self color of deep rose.

Golden State. A very rich orange yellow.

Crimson Monarch. The largest and best of red shades.

Scarlet Flame. A large, beautiful, bright scarlet, with a delightful blending of orange throughout the petal.

Meteor. A rich, glowing deep red and the darkest of all the red shades. Fine form, with good depth of petal.

Oriole. We consider this the most beautiful of its class. It is an immense orange and gold bicolor, changing slightly as it ages.

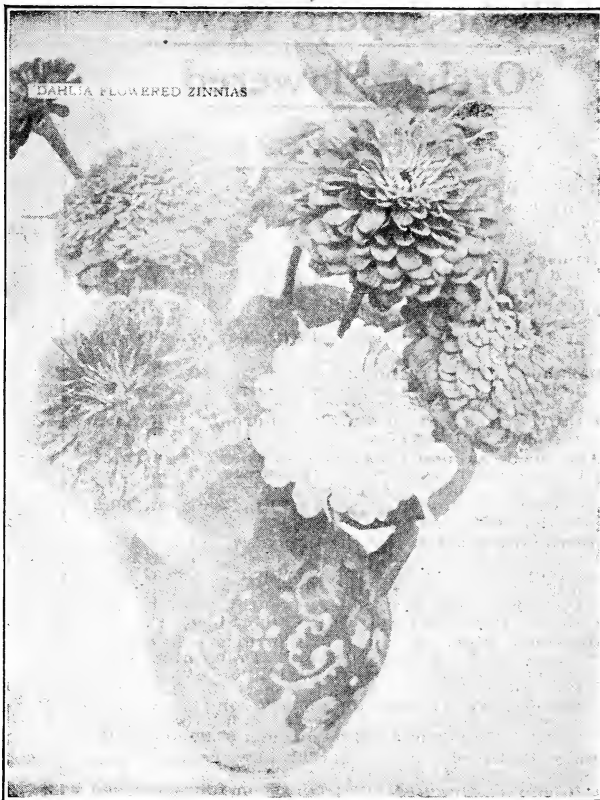
Dream. A fine, deep lavender, turning to Mal-low Purple, a new desirable shade in Zinnias.

Buttercup. An immense deep creamy yellow. A very desirable flower, which should be included in every collection.

Canary Bird. A delicate shade of primrose—very large and holds its color well until out of bloom.

Special Mixture. A well blended mixture containing the above novelties.

Per pkt., 25c; $\frac{1}{8}$ oz., 75c.



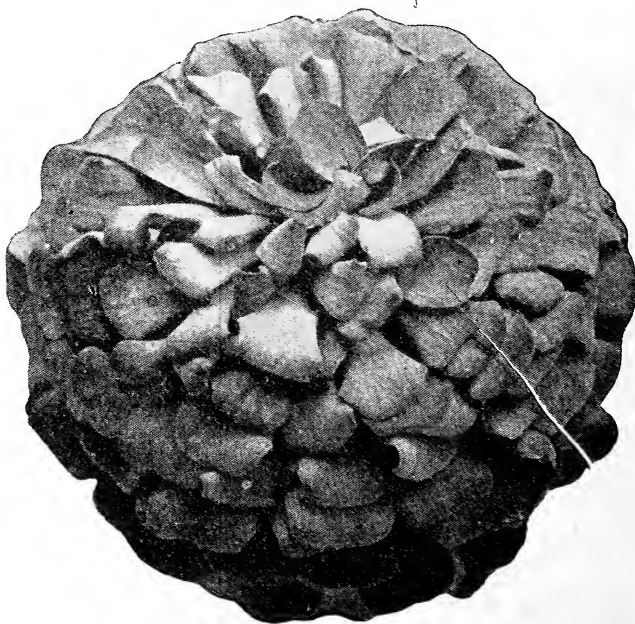
Dahlia-Flowered Zinnias

Three Special Zinnias

Giant Double Quilled Achievement. The petals are partially tubular or quilled, giving the flower somewhat the appearance of a cactus dahlia and displaying a rich variety of colors, mostly of the warmer shades, such as salmon, old rose, deep rose, lilac, bronze and dark red tones. On the reverse side the petals are light or dark lilac, making a wonderful combination of colors. Pkt., 25c; 2 pkts., 40c.

Giant Picotee. A remarkable new and distinct class with beautiful double flowers in orange, flesh, lemon, pink and cerise, each petal being distinctly tipped with various shades of dark, resembling the Picotee Carnations. Pkt., 25c; 2 pkts., 40c.

Watermelon Pink, Pumila Double Zinnia. A very pleasing and charming shade. Extra double flowers, produced on regular dwarf plants. Only 18 inches tall. Include in your order a pkt. of Zinnia watermelon pink, if you want a pleasant surprise. It is a beautiful color. Pkt., 20c; $\frac{1}{4}$ oz., 70c.



Giant Double Zinnia, Achievement

Alpine Asters

Alpine asters rank high among the showiest spring and early summer flowering perennials of medium and low growth. Their comparatively large star-shaped flowers, borne on single stems and appearing in great abundance, never fail to draw attention. The bright blue, daisy-like flowers with brownish-yellow center on stems nearly 18 inches long, during June, are valuable for cutting.

Alpine asters may be easily raised from seed sown in a cold frame during March or April. Transferred into the open ground they thrive best in a light richly manured soil. Proper care should be taken to give plenty of water during their growing season. On account of their low and compact habit of growth, they prove invaluable as highly effective edging during May. *Aster alpinus* is also well adapted for slow forcing in pots. **Pkt., 15c; 1/4 oz., 70c.**



Aster alpinus Superbus as Edging

The Cardinal Climber

(*Ipomoea Quamoclit Hybrida*)

The most beautiful and brilliant annual climber ever sent out. It is a strong and rapid grower, attaining a height of 30 feet or more, with beautiful fern-like foliage, and covered with a blaze of circular cardinal-red flowers from mid-summer till frost. The flowers, about 1 1/2 inches in diameter, are borne in clusters of 5 to 7 each. Like other *Ipomoeas*, it delights in a warm, sunny situation and good soil. **Packets containing about 25 seeds each, 15c; 2 pkts., 25c.**

Cynoglossum Amabile Blue

(Chinese Forget-me-not)

An annual recently introduced from China; of the easiest cultivation, with strong plants about 18 inches high and producing through the summer months sprays of intense blue Forget-me-not-like flowers. A splendid addition to the comparatively short list of real blue flowers. We sent out a quantity of packets for trial last spring and have received numerous favorable comments. **Pkt., 25c; 1/4 oz., 35c.**

New Helianthus

(Maroon Prince)

Maroon Prince is a dwarf-growing strain. True maroon in color, single, and is unquestionably the best red sunflower on the market today. **Pkt., 20c; 1/4 oz., 50c.**



Cardinal Climber

New Helianthus (Excelsior Hybrid)

A fine, double mixture of yellow and bright red shades predominating, many having large disks. It is a very distinctive mixture of colored sunflowers and contains many new and pleasing varieties. **Pkt., 20c; 1/4 oz., 50c.**

Ageratum (Blue Perfection)

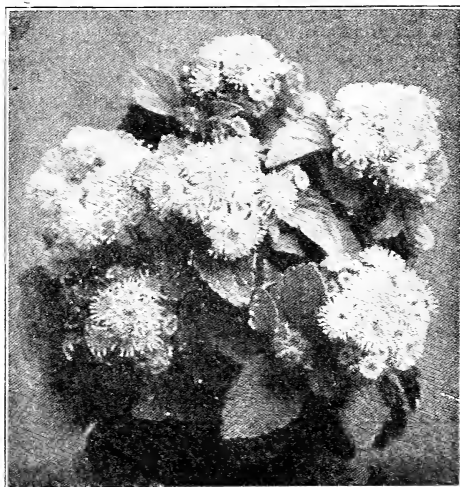
This is the darkest colored of all large flowering Ageratums. Color deep amethyst-blue; compact growth; fine bedder. **Pkt., 10c; 1/4 oz., 50c.**

New Larkspur (La France)

La France is the most striking of all Larkspurs and is much more vigorous and tall growing than other light shades. The color is a pleasing salmon-pink. Flowers are double and come on long stems. **Pkt., 35c; 1/4 oz., \$1.00.**

New Scabiosa (Columbaria)

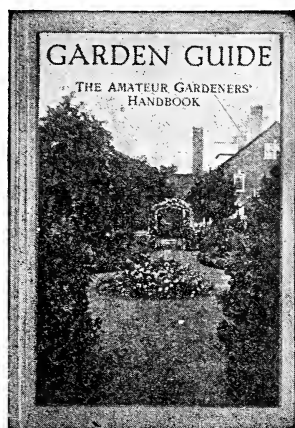
A South African form of the European Scabiosa. It is a hardy, low growing perennial with fine light-green foliage. Flowers measure 2 to 2 1/2 inches across. Color pink. A fine cut flower. **Pkt., 50c; 1/4 oz., \$1.50.**



Ageratum—Blue Perfection

POPULAR AGRICULTURAL BOOKS

Only the best books in their respective fields are listed here, books that we can recommend without reserve. They are worthy of a place on your bookshelf. Read and profit by them.



GARDEN GUIDE (Amateur Gardener's Handbook). fourth edition. This gem covers every step from the preparation of the soil to the preservation of the harvest and we are glad to recommend it to every person who has a lawn to care for, a garden to plant, fruits and ornamentals to prune. Whoever enjoys flowers and wishes to keep them free from insects will appreciate its helpful suggestions. Over 275 illustrations appear on its 384 pages.

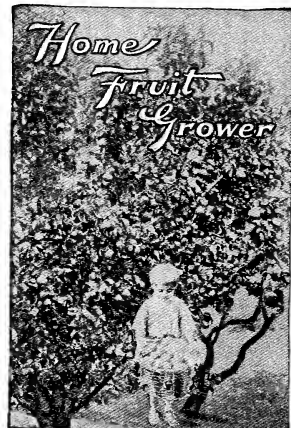
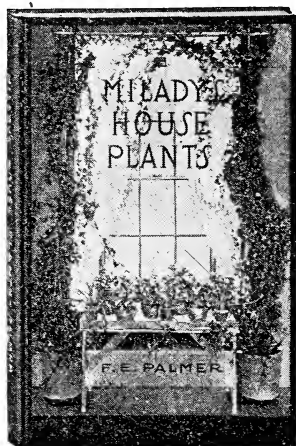
Postpaid, cloth, \$1.65

MILADY'S HOUSE PLANTS. Palmer. The care of house plants is simply explained and with the aid of this book, success is assured. Instructions for potting, watering, and arrangement of plants are given, and illustrated.

Postpaid, cloth, \$1.10

PRACTICAL LANDSCAPE GARDENING. Cridland. Its practical advice relative to the location of the modest home and details concerning almost every problem confronting the home builder and owner make this one of the very best books on the subject. We recommend it to anyone requiring advice on the proper layout of his grounds, as the many illustrations, sketches, plans and planting keys make the task easy. 266 pages, 6x8 in.

Postpaid, \$2.65



HOME FRUIT GROWER. Kains. A clear, simple, practical and comprehensive volume for the amateur who seeks to grow fruits for home needs. The most approved methods of tillage, spraying, thinning, fertilizing and pruning for maximum production are discussed. Freely illustrated with teaching pictures.

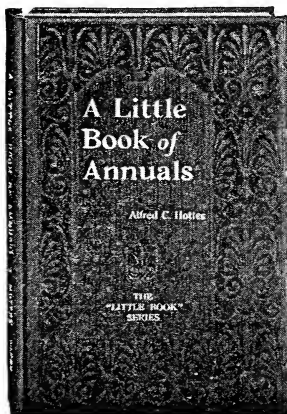
Postpaid, cloth, \$1.65

VEGETABLE GARDENING. Watts. A valuable handbook for practical growers; treats of soils, fertilizers, construction of hot-houses, coldframes, crops, insect enemies and diseases, marketing, etc. 525 pages.

Postpaid, \$2.65

COMMERCIAL FLORICULTURE. Bahr. The writer of this practical manual for the retail grower needs no introduction from us as he has been bringing his excellent ideas before florists for a considerable period and all will welcome this splendid edition, which brings together in one volume the results of his practical experience. Written in a friendly style, the many plants, shrubs, trees, and vines are discussed—which varieties to grow and which to avoid, and how to make the best use of those selected—things every man ought to know, but so comparatively few of us do know. Get acquainted with it; it will repay you quickly.

Postpaid, \$5.00



LITTLE BOOK OF ANNUALS. Hottes. A thoroughly reliable guide for the amateur who grows flowers for the love of them. A handsome, freely illustrated book of 128 pages that will appeal to a host of our customers as it is the best thing along this line that has come to our attention.

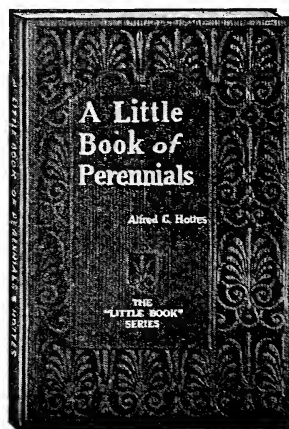
Postpaid, cloth, \$1.65; paper, \$1.10

LITTLE BOOK OF PERENNIALS. Hottes. 170 pages devoted to a discussion of the most important useful perennials, giving valuable information relative to description, culture, and requirements that every flower lover should know. Well illustrated, making an interesting and instructive book for professional and amateur.

Postpaid, cloth, \$1.65

PRODUCTIVE POULTRY HUSBANDRY. Lewis. There is no problem in any phase of poultry raising that is not thoroughly and clearly treated in this popular book of 574 pages, and illustrated in such a way as to be of interest and value to every man, woman or youngster with five or more chickens. Be sure to get this veritable encyclopedia.

Postpaid, \$2.65



Johnson's Selected Flower Seeds

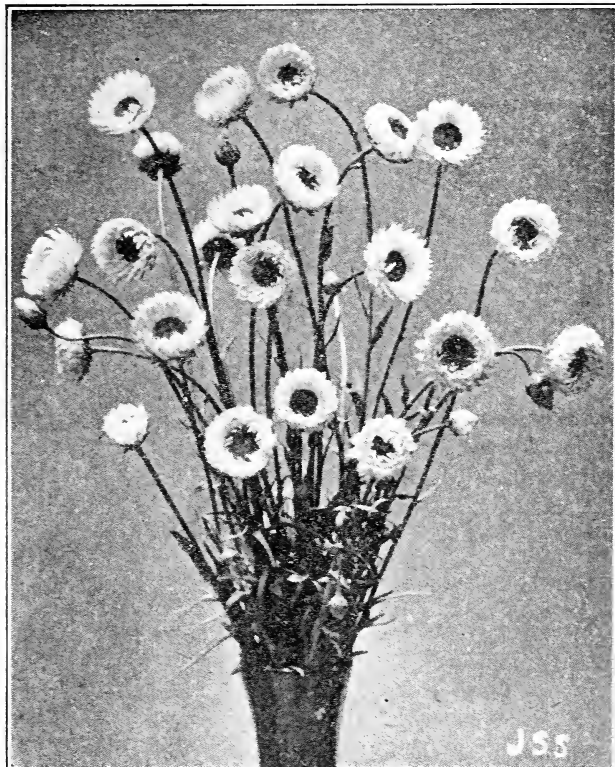
GENERAL LIST

In the following pages we offer a carefully selected list of Flower Seeds, in which no want of the flower-garden has been overlooked, the numerous varieties insuring a wide range of color, form, height, habit and season, thus permitting selection for any and every ornamental purpose.

ALL FLOWER SEEDS ARE SENT POSTPAID AT PRICES GIVEN

The following abbreviations are used in our Flower list.

A.—Annuals. H. H. A.—Half Hardy Annuals. H. A.—Hardy Annuals. B.—Biennials.
H. B.—Hardy Biennials. P.—Perennials. H. P.—Hardy Perennials. H. H. P.—Half Hardy Perennials.



Acroclinium

Abutilon (Flowering Maple). Tender perennial shrub of easy culture.
Finest Mixed Colors. Excellent for flowering indoors \$0.25

Achillea (Sneezewort or Milfoil). H. P. Double. Daisy-like flowers; blooms from June till October.

The Pearl. Pure white, 2½ ft. ¼ oz., \$1.50 .25

Aconitum (Monkshood). H. P. Long spikes of helmet-shaped flowers; excellent for shady locations.

Napellus. Blue, 3 ft. ¼ oz., 75c .10

Wilsoni. Dark rich blue, 3 ft. ¼ oz., \$1.00 .25

Acroclinium (Everlasting). H. A. Extensively used as a dried flower for house decoration. They should be gathered before fully open and tops hung downward to dry.

Double Mixed. 1 ft. ¼ oz., 40c .10

Single Mixed. 1 ft. ¼ oz., 30c .10

Adonis

Pkt.

Festivalis (Flos Adonis). H. A. Deep green foliage and scarlet flowers. ¼ oz., 25c \$0.10

Autumnalis (Pheasant's Eye). H. A. Flowers Crimson, dark center, 1 ft. ¼ oz., 25c .10

Vernalis. H. P. Finely cut foliage, bright yellow flowers, blooming early in May. ½ oz., 65c .10

Ageratum H. H. A. Floss Flower. Flowers forming in heads and blooming continuously all summer. Valuable for borders and edgings.

Mexicanum. Finest mixed, 18 in. Oz., 75c .10

Blue Perfection. Dark blue, 18 in. ¼ oz., 50c .10

Dwarf Imperial. White. ¼ oz., 60c .10

Dwarf Imperial Blue. Deep blue. ¼ oz., 35c .10

Little Blue Star. Fine for bedding, 9 in. ½ oz., \$2.50 .25

Little Dorrit. Azure blue. ½ oz., 30c .10

Agrostemma Free-flowering, with attractive bright colors, on long slender stems like a single pink.

Cæli-rosa (Rose of Heaven). H. H. Bright rose, 18 in. ¼ oz., 50c .10

Flos-Jovis (Jove Flowers). H. P. Bright pink, 18 in. ¼ oz., 50c .10

Alyssum, Sweet H. A. One of the best known annuals; used extensively for bordering and edging, also valuable for cutting. Flowers from early summer till late fall.

Benthami (Sweet Alyssum). Fragrant, 10 in. 4 oz., \$2.00; oz., 65c .10

Little Gem, Snow-white Carpet Plant. The plants, which are only a few inches high, grow so dense and are so completely covered with snow-white blossoms they create the impression of a beautiful snow-white carpet. Our strain of this is unquestionably the best in the world, one plant like another, absolutely perfect. ¼ oz., 25c; ½ oz., 40c; oz., 75c; ¼ lb., \$2.60; lb., \$10.00 .10

Lilac Queen. Beautiful lavender lilac color. ½ oz., 20c .10

HARDY ALYSSUM

Saxatile Compactum (Gold Dust). H. P. Yellow, 9 in. Excellent for bordering perennial gardens. ¼ oz., 50c .01

Amaranthus

Caudatus (Love-Lies-Bleeding). Crimson. ¼ oz., 25c .10

Cruentus (Prince's Feather). Dark red. ¼ oz., 25c .10

Finest Mixed. ¼ oz., 20c .10

Ammobium Pkt.
(Winged Everlasting).
Alatum Grandiflorum. A very attractive annual
everlasting; flowers are silvery white with
yellow disc; grows best in light soil. 2 ft.
..... ¼ oz., 20c \$0.10

Ampelopsis
Veitchei (Boston Ivy). A very elegant hardy
vine, attaching itself to stone, brick or wood-
work..... ¼ oz., 20c .10

Anchusa
“Dropmore Variety.” One of the best blue
perennials. H. P. The bright blue Forget-
Me-Not-like flowers are borne on graceful
stems during the entire season and very late
into the Fall. 4 to 5 ft..... ¾ oz., 40c .20
Capensis (Summer Forget-Me-Not). H. A. A
beautiful border plant with branched heads
of azure blue with white eye. If sown in
April will be in bloom by July. 2 ft.....
..... ¼ oz., 30c .10

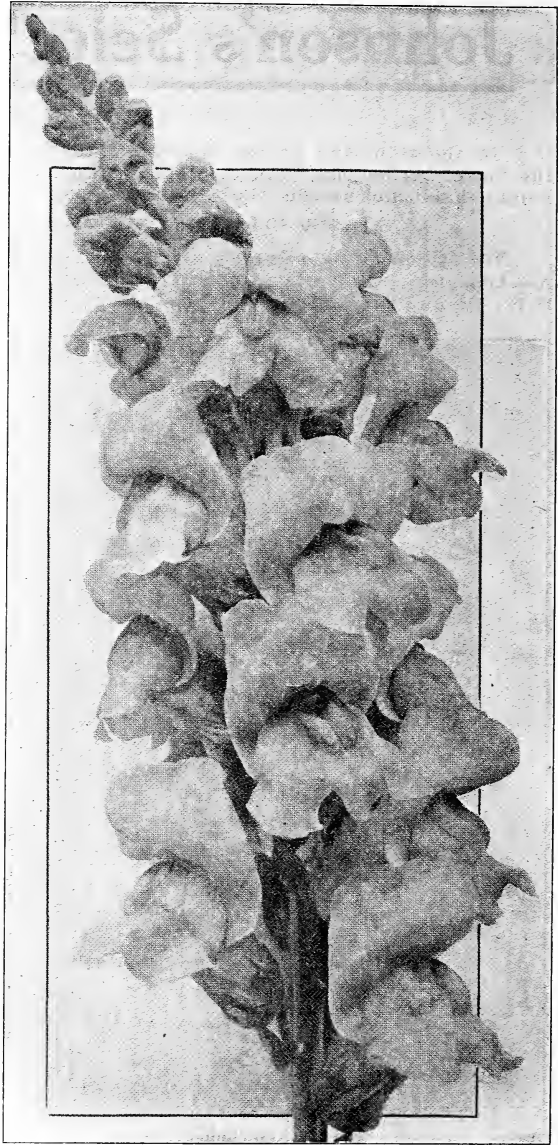
Anemone H. P. One of the most beautiful
perennials, having a great variety
of color and flowering in May and June.
Coronaria (Wind Flower). Mixed. 9 in.....
..... ½ oz., 30c .10
St. Brigid (Irish Anemone). Extra large. 9
in. ½ oz., \$1.00 .15
Sylvestris (Snowdrop Windflower). Large, nod-
ding sweet-scented white flowers, tinged
lavender. 1½ ft. April-May..... ½ oz., \$1.00 .15

ANTIRRHINUM (Snapdragon)

Within the last few years Snapdragons have be-
come immensely popular. This is not to be wondered
at, as, whether used for cutting or for show in the
garden, they are one of the most valuable flowers
which can readily be grown from seed. We offer
three distinct types, the large-flowering, tall-grow-
ing or giant, the equally large-flowered, half-dwarf
variety, and the new maximum variety. In our trials
the seeds sown out of doors the first week of May
came into bloom early in July, remaining in full
flower until November. For earlier flowering, they
may be started indoors or in a frame in March,
transplanting them to the open when the weather is
suitable. We have made exhaustive tests of scores
of varieties, and offer the following as being the best
in their respective colors.

Large-Flowering Giant Sorts Pkt.
Crimson King. Rich garnet crimson..... \$0.10
Golden King. Rich yellow..... .10
Fire King. Brilliant orange scarlet..... .10
Harmony. Terra cotta shaded rose..... .10
Queen Victoria. Purest white..... .10
Rose King. Soft silvery rose..... .10
Collection of a pkt. each of the above 6 sorts,
50c.
Finest Mixed. All colors..... ¼ oz., 30c .10

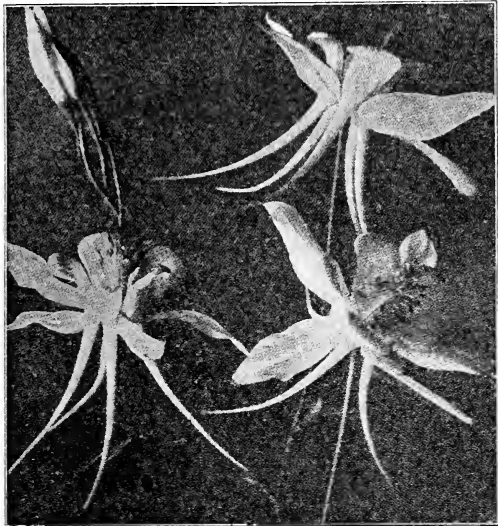
Large-Flowering Half-dwarf Sorts
A splendid type, growing about 18 inches high, the
best for bedding purposes. Pkt.
Silver Pink. Soft-pearly pink..... \$0.10
Empress. Rich velvety crimson..... .10
Golden Queen. Rich yellow..... .10
Grenadier. Fiery orange scarlet..... .10
Purity. Snowy white..... .10
Fawn. Rose and gold..... .10
Collection of a pkt. each of the above 6 sorts,
50c.
Choice Mixed. All colors..... ¼ oz., 30c .10



Antirrhinum—Large-Flowering Giants

Maximum or Super-Giant Sorts
A new strain of tall strong growth producing long
spikes of gigantic flowers.
Appleblossom. Soft appleblossom-pink.
Canary Bird. Canary yellow with deeper yellow lip.
Copper King. Bronzy copper color.
Old Gold. Rose on yellow ground.
Snowflake. Dazzling white.
The Rose. Rich rose-pink.
Price. Any of the above, 25c per pkt.
Collection containing a pkt. each of the 6 sorts, \$1.00.
Super-giant Mixed. All colors, 20c per pkt.; 3 pkts.
for 50c.

There is one book which should be in every
gardener's and home-owner's library. It is
GARDEN GUIDE described on page 42 of this
catalogue.



Aquilegia—Long Spurred Hybrids

- Aquilegia** (Columbine) Pkt.
Long-Spurred Hybrids. A beautiful strain, comprising shades and combinations of blue, white, yellow, orange, orange-scarlet and bright rose-pink, in large flowers with long spurs2 pkts. 60c \$0.35
Caerulea. (Rocky Mountain Columbine). Flowers large, petals white, sepals deep blue, spurs very long; one of the most beautiful..... ¼ oz., 50c .10
Vulgaris. The common European Columbine, flowers rich violet blue. A strong and easy grower¼ oz., 50c .10

Arabis (Rock Cress). H. P. Alpine trailing plant. Flowers borne on erect spikes, pure white and blooming very early. Useful in sunny rockeries and well drained borders.
Alpina. 9 in. Dwarf White.....¼ oz., 25c \$0.10

Arcotosis H. A. Daisy-like flowers, pure white with light blue center, often 3 inches across.
Grandis, 2½ ft.¼ oz., 30c .10

Armeria (Thrift Sea Pink). Grand plants for crevices of wall and rocks, and also for growing in flower borders or as permanent edgings; excellent plants for the sea coast. June-July.
Alpina. Purple flowers in July..... .10
Formosa. 9 in. Pretty rose pink. Grand for borders15

Asparagus Very graceful plants extensively grown for cutting, the foliage being used in all designs, bouquets, etc.
Plumosus Nanus. .50 seeds, 50c; 100 seeds, \$1.00 .25
Sprengeri.50 seeds, 30c; 100 seeds, 50c .10

Argemone Grandiflora (The Prickly Poppy). 2 ft. Lovely plants with an ornamental foliage and large, handsome poppy-like flowers, snowy white, filled in the center with golden stamens, very beautiful¼ oz., 35c .10

Artemisia Sacrorum Viridis (Summer Fir). Ornamental foliage plant. It forms pyramidal bushes 3 to 5 ft. high. The foliage is a rich, dark green color..... .15

Aubrietia Large-flowering Hybrids. (Rain-bow Rock Cress). A beautiful dwarf rock plant, covered with sheets of bright flowers in spring and early summer.. .15

Auricula (Primula Auricula). A well-known favorite of great beauty; seed saved from splendid choice mixed varieties; half hardy perennial; 6 inches..... .25

JOHNSON'S SELECT ASTERS

Cultural Hints For early flowering the seed should be started in the house, hotbed or cold-frame in April, transferring them to their flowering quarters as soon as danger from frost is past. For August and later flowering it is just as well to sow them in the open in May, preferably in a prepared seed bed, transplanting them when two or three inches high to where they are to bloom although they may be sown where they are to flower with equally as good results.



Improved Victoria Aster

We make a great specialty of this popular flower, securing our stocks from the most skillful growers only, and we confidently recommend them. Aster Plants are ready in June.

Improved American Victoria
Asters

(Daybreak)

This is by far the finest of all Asters for beds or borders where an even growth and a mass of flowers are wanted for effect: the sturdy upright plants, 12 to 14 inches high, carry not less than 50 flowers each, producing a mass of color unequalled by any other; blooms from early August till late October. (See cut.)

- Pkt.
Daybreak. Delicate La France Pink.....\$0.15
Purity. Purest white15
Pale Lavender. A delicate shade..... .15
Rose-pink. Rose, shading to blush-pink.. .15
Salmon-pink. Rich salmon-pink, exquisite15
Azurea. Rich, deep lavender-blue..... .15
Collection of a packet each of the above 6 colors60
Choicest Mixed. All colors.....¼ oz., 75c .10

King Asters

Of the late branching type. Bloom round, full and very large, and of a soft violet shade; stems long and stiff. August and September. 2 to 2½ feet.

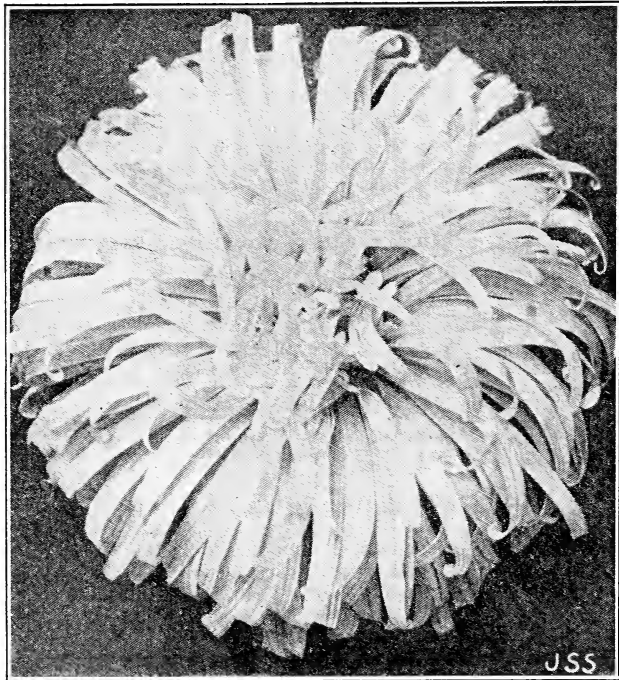
	Pkt.
Lavender King. Soft lavender blue	\$0.15
Pink King. An attractive delicate shell pink.....	.15
Rose King. A beautiful brilliant rose variety.....	.15
Violet King. A pleasing soft shade of violet.....	.15
White King. Pure white.....	.15
Crimson King......	.15
Finest Mixed. ¼ oz., 35c	.10

Hardy Perennial Aster

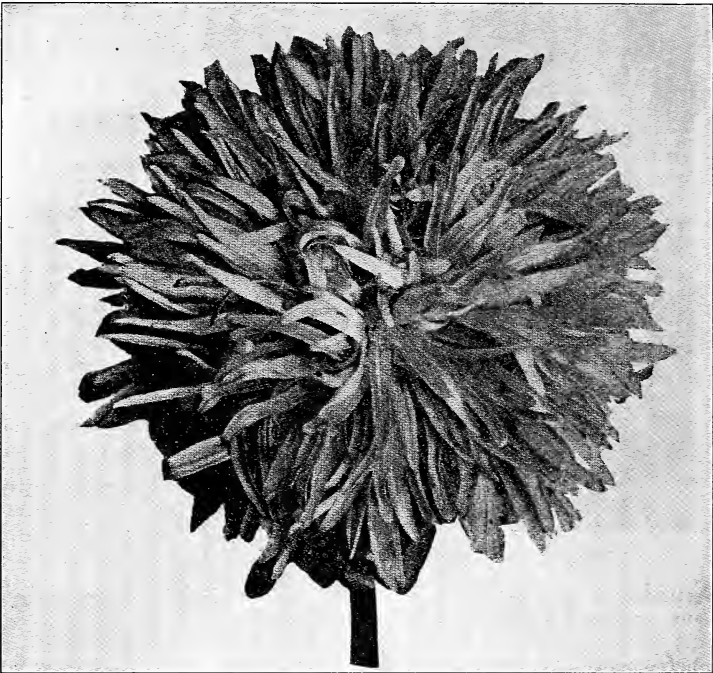
Mixed. (Michaelmas Daisies). Single fall-flowering hardy herbaceous plants, thriving in any good garden soil. If sown early they will flower the first season; 3 feet..... ¼ oz., 50c .15

Johnson's "Peerless Pink" Aster

This is conceded to be the finest pink late-branching Aster ever offered. The plants are of robust, free-branching habit, and it is hard to find a flower under four inches across, and many measure five inches by two and a half in depth, forming an almost globular flower..... 2 pkts., 25c \$0.15



Crego's Giant Comet Aster



"King" Asters

Royal Asters

A new class of American Aster. Its habit of growth is entirely distinct, the stems growing directly from the ground and not on side-sheets from the main stem like other varieties. A medium early bloomer. We offer the following colors: **White, Shell Pink, Rose Pink, Lavender, Purple.**

Separate Colors. ¼ oz., 55c; ¼ oz., 95c	Pkt. \$0.15
Finest Mixed. ¼ oz., 45c; ¼ oz., 75c	.15

Crego's Giant Comet Asters

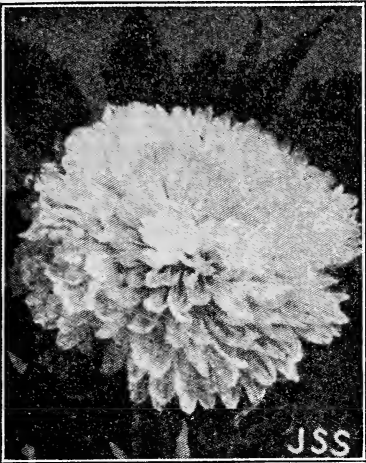
We consider this the finest and largest of all Comet Asters, bearing immense fluffy flowers five inches and over in diameter, as fine as any Chrysanthemum, and when cut keep in good condition longer than any other of this type. We offer five colors, viz.

	Pkt.
White. Pure white..... ¼ oz., 75c	\$0.15
Pink. Delicate shell-pink.... ¼ oz., 75c	.15
Purple. Bright purple..... ¼ oz., 75c	.15
Rose. Rich deep rose..... ¼ oz., 75c	.15
Lavender. Deep lavender.... ¼ oz., 75c	.15
Collection of a packet each of the 5 colors, 60c.	
Crego's Mixed. All colors, 15c per pkt; 60c per ¼ oz.	

American Beauty Asters

A recently developed late flowering strain coming into bloom in late September, and being at their best through October, the plants grow nearly 3 feet high, and bear their very large, densely double flowers on long, strong stems. We offer four beautiful colors.

Carmine Rose. Bright cerise-rose.
Lavender Beauty. Soft lavender.
Purple Beauty. Rich, deep purple.
September Beauty. Delicate shell-pink.
Price: 20c per pkt.; a pkt. each of the 4 colors, 65c.



Semple's Branching

New Red Aster "Sensation"

This is the reddest of all Red Asters, the color being a rich garnet or ox-blood red, which glistens in the sunshine like a live coal. The plants are of free-branching habit, about 18 inches high; the very double flowers averaging 3½ inches across are borne freely on stems a foot long from early in August till the close of September. The intense color shows up well when cut, and makes a very brilliant bit of color in a bed or border. 15c per pkt.; 2 pkts., 25c.

Queen of the Market Asters

This variety is about two weeks earlier than most other sorts. The flowers are quite large, very double, and are valuable for cut flower purposes. The following are the most distinct colors: Pure White, Blush Pink, Bright Pink, Rose, Dark Blue, Lavender, Light Blue and Crimson.

	Pkt.
Price, any color.....	½ oz., 35c \$0.10
Mixed Colors	½ oz., 30c; ¼ oz., 50c .10

Ostrich Plume Asters

The finest type of the Giant Comet or Ostrich Feather type of Aster. Much larger than the Giant Comet, the petals longer, more twisted, and produced in greater abundance. Borne on long stems, they make cut flowers par excellence. We offer the following colors: White, Delicate Pink, Dark Blue, Light Blue, Crimson.

	Pkt.
Separate Colors	½ oz., 40c \$0.10
Finest Mixed	½ oz., 35c .10

Balloon Vine (Love in a Puff). H. H. A. Climber; rapid grower; flowers white; seed-pods shaped like miniature balloons. Seed should be sown in March and planted in the open, latter part of May or June in sunny location.

White. 7 feet.....	¼ oz., 20c .10
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BABY'S BREATH. (See Gypsophila.)

Balsam (Lady Slipper). H. H. A. Plants of pyramidal growth bearing rose-like flowers which cover the whole plant; flowers profusely all Summer. In soil well fertilized excellent results will be obtained. 2 feet.

Double Prize Winner Mixture.....	¼ oz., 60c .10
Double Camellia Flowered—Finest Mixed.....	¼ oz., 50c .10
Double Rose-Flowered—Finest Mixed.....	¼ oz., 20c .10

Beans H. A. Climber Flowers from July to September. Very ornamental, thriving in any ordinary soil.

Scarlet Runner. 8 feet.....	.10
White Runner. 8 feet.....	.10
Butterfly Runner. Large, pink and white blossoms.....	.10

New California Giant Branching Asters

A splendid new midseason to late flowering strain, the result of years of painstaking selection by one of California's leading hybridizers; plants grow 3 to 3½ feet high with long, strong stems 18 to 24 inches in length bearing beautifully formed curled and interlaced flowers 5 inches and over across. (See page 32 for prices.)

Semple's Branching Asters

These are especially valuable for cut flowers, because of their handsome flowers and long stems. They bloom two to three weeks later than most sorts. We offer them in eight separate colors, Pure White, Crimson, Lavender, Peach Blossom, Shell Pink, Bright Pink, Rose, and Dark Purple.

Price, Separate Colors.....	½ oz., 35c \$0.10
Choicest Mixed	½ oz., 30c; ¼ oz., 50c .10

Lavender Gem Aster

One of the most beautiful Asters. It is of true Comet type, with large, artistic, loosely-arranged flowers on long, wiry stems and of the most charming shade of lavender imaginable. Begins blooming in July, continuing through August; a lovely variety for cutting. Pkt., 15c; 2 pkts., 25c.

Imperial or Mikado Asters

Similar to the Crego's Giant but dwarfer in growth, and comes into bloom fully two weeks earlier. Height about 18 inches, of branching habit, and the flowers, borne on long strong stems, are of colossal size, 5 to 6 inches across being the rule.

Mikado Pink or Rochester.....	Pkt. \$0.15
Mikado White. Of purest glistening white....	.15
Mikado Mixed .....	.10

Asterum Asters

A strain of Comet Asters which, on account of their size and Chrysanthemum-like appearance, have appropriately been named Asterums. The plants grow about 2 feet high, and come into bloom a little earlier than the Crego's Giant. We offer three fine colors, as under:

Lavender. A rich shade of lavender or light violet .....	.15
Pink. A very attractive shade of lively rose-pink .....	.15
White. Purest snow-white.....	.15

A packet of each color for 35c.

China Asters

General Mixture. This mixture was saved from the many double flowering sorts grown the past season	¼ oz., 40c .10
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Balsam (Lady Slipper)



Calendula—New Forcing Orange King

Begonia (Ever-Blooming Bedding Varieties). They are of sturdy growth, growing about 1 foot high and forming dense bushes, which from May until frost, are completely hidden with flowers. As pot-plants for winter flowering they are superb, remaining a sheet of bloom throughout the entire year. The seed being very fine, should be sown on top of box, pressed in soil, not covered.

Gracillis rosea. Bright rose color. Pkt., 25c.

Prima Donna. Flowers of a light rose, shading deeper toward center. Pkt., 25c.

Pink Beauty. Delicate pink with dark foliage. Pkt., 25c.

Luminosa. Large, bright, deep scarlet flowers; satiny brownish red foliage. Pkt., 25c.

Alba. Pure white. Pkt., 25c.

Semperflorens Vernon. Scarlet flowers. Pkt., 25c.

Erfordii grandiflora superba. Plants compact and bushy, have glossy foliage and are literally covered with most delicate pink flowers. Pkt., 50c.

Erfordii rubra. New. Deep red. Pkt., 50c.

Begonia TUBEROUS-ROOTED VARIETIES Pkt.

Single Tuberous-Rooted Mixed. Saved from finest exhibition varieties, all having large, well formed flowers of many brilliant shades of color. \$0.35

Double Tuberous-Rooted Mixed. Produced on strong erect stems, an abundance of very brilliant double flowers, ranging from brilliant rose to carmine, often with white margin or mottling. Very striking. .50

Frilled Tuberous-Rooted. Seed saved from selected, best frilled flowers. .35

Bellis Perennis (Double Daisy). H. P. are favorite perennials; seed should be sown from June 1st till September, transplanted in the fall and protected during the winter, and they will flower the following spring. If sown in the spring they will flower in the autumn 4 inches.

Finest Mixed. Extra. 4 in. ¼ oz., \$1.25 .10

Longfellow. Bright rose. 4 in. ¼ oz., 1.50 .15

Snowball. Pure white. 4 in. ¼ oz., 1.50 .15

Giant red, Maxima fl. pl. Extra fine, 4 in. 4 .25

Monstrosa alba. Giant pure white. 15

Monstrosa rosea. Giant rose. 15

Monstrosa. Finest mixed. 15

Bocconia

Cordata (Plume Poppy). 5 ft. A handsome border plant, having large lobed heart-shaped leaves with silvery under surface and flower plumes of a pretty cream color. ¼ oz., 30c .10

Boltonia (Falso Chamomile). H. P. This Aster-like hardy plant is useful for cutting, remaining in bloom a long time.

Latisquama. Delicate pink. ½ oz., 75c .10

Brachycome (Swan River Daisy). A. Pkt.
Free-flowering, dwarf-
growing annuals with pretty blue or
white flowers. ¼ oz., 50c \$0.10

Browallia H. A. Excellent free-flowering, Verbena-like flowers. Flowering all Summer in the open, also excellent house plants for winter use. 18 in.

Elata Finest Mixed. ¼ oz., 30c .10

Speciosa Major. Extra large; deep blue. 15

Calceolaria Flowers borne in clusters of pocket-like lobes of various self colors and handsome spotted varieties. Especially adapted for house and greenhouse culture, making excellent exhibition plants.

Johnson's Prize Mixed. 1½ ft. The gorgeous beauty of these flowers renders them indispensable for greenhouse decoration. Is a very desirable flower. Bears a large profusion of small, pocket-shaped flowers, which are beautifully tigered or spotted, 300 seeds. 50

Rugosa Aurea, Rain of Gold. Golden shades for bedding. 25

Rugosa, Mixed. Includes nearly all the beautiful shades for bedding. 25

Calendula (Pot Marigold). H. A. Large double flowers, blooming all summer, closing somewhat at night and opening slightly on cloudy days; flowers borne on long, stiff stems. 2 ft.

Meteor. Large double yellow, each petal striped with orange. Oz., 40c

Prince of Orange. Like Meteor, but darker. Oz., 45c .10

Orange King. Very large, double, dark orange. Oz., 50c .10

Double Sulphur. Very large and extremely double flowers of a pleasing sulphur yellow color. Oz., 45c .10

Ball's Forcing. This new Orange Calendula represents a very great improvement in size, length of stem and fullness of flowers. It has exhibited these superior characteristics uniformly for the past 4 years. ¼ oz., 85c; .25

Finest Mixed Oz., 35c .10

Calliopsis One of the most effective of our hardy annuals; very showy in open garden and excellent for cutting; flowers borne on individual stems 18 inches in length. 2 ft.

Golden Wave. (Drummondii.) Rich golden-yellow with small chestnut brown center; very free; 12 inches. ¼ oz., 50c .10

Crimson King. A fine dwarf sort, 9 inches high, color rich velvety crimson-garnet. ¼ oz., 50c .10

Tiger Star. Plants not over 9 inches high, flowers of rich reddish-brown, tigered with golden yellow, not unlike some of the orchids. ¼ oz., 50c .10

Choicest Mixed. ¼ oz., 50c .10

CALIFORNIA POPPY. See Eschscholtzia.

Canary Bird Vine A. Grows 15 to 20 ft. A dainty vine with beautiful cut leaves and pretty, delicate flowers of a clear canary-yellow. From the color of its blossoms and also from a fancied resemblance of their shape to a bird with wings expanded the plant obtained its common name. Does well in the shade. ¼ oz., 40c .10

Cardinal Climber Beautiful and distinct annual climber. It is a strong and rapid grower, attaining height of thirty feet or more, with a beautiful, deeply lacinated foliage, and literally covered with a blaze of circular fiery cardinal red flowers from mid-July till frost. The flowers are about 1½ inches in diameter, and are borne in clusters of 5 to 7 blooms each. ¼ oz., \$1.00 .15



Canterbury Bells

Campanula (Bellflower). A family containing beautiful border plants, several varieties beautiful as pot-plants. Mainly hardy biennials and perennials.

- Calycanthema (Cup and Saucer). H. B. Delightful in form and colors, and elegant subjects for the garden or for pot culture. 2 to 2½ feet. We offer Pink, Blue, White or Mixed.....

Pkt.	
½ oz., 60c	\$0.10
- Medium (Canterbury Bell). H. B. Large bell-shaped flowers in many shades. Elegant border or pot-plants. We offer Single White, Dark Blue, Light Blue and Rose in separate colors or Mixed.....

½ oz., 50c	.10
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- Carpatia (Harebell). H. P. Dwarf plants with cup-shaped flowers, suitable for borders, edging, etc. Blue or White.....

¼ oz., 75c	.10
------------	-----

Candytuft H. A. Admirably adapted for borders. They come into flower early and bloom profusely for a long period. Very popular also for cutting. Our strains of Candytuft are the best obtainable.

Giant Hyacinth-Flowered White. 1 ft. A grand border plant, bearing very large, bold spikes of snowy white flowers, habit sturdy and compact. This is an especially select stock.....

oz., \$1.00; ¼ oz., 35c	.10
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- Empress. Pure white, splendid cut flowers

¼ oz., 25c	\$0.10
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- Crimson. Rich deep shade. ¼ oz., 40c .10
- Purple. 1 foot..... ¼ oz., 40c .10
- Carminea. Carmine, 1 ft. ¼ oz., 40c .10
- Carnea. Flesh colored, 1 ft.

¼ oz., 40c	.10
scented ¼ oz., 35c	.10
- Mixed Colors. A splendid mixture..

¼ oz., 25c	.10
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Candytuft H. P. Plants very compact, blooming early in the spring; excellent for bordering perennial gardens.

PERENNIAL VARIETIES

- Sempervirens. A beautiful perennial of trailing habit, covered with white flowers in spring.....

¼ oz., 75c	.10
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- Gibraltarica Hybrids. A dwarf, compact form, with purple and white flowers; 1 ft.....

½ oz., 40c	.10
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Canna Dwarf French Mixed. Dark leaved sorts.....

Oz., 35c	.10
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(For Roots, see page 70)

Carnations These are general favorites for their richness of color and delightful fragrance; they are desirable for greenhouse culture in winter as well as for the garden in summer.

- Chabaud's Everblooming, Mixed. Blooms in five months after being sown, and continues to flower in the greatest profusion indefinitely.....

½ oz., 80c	\$0.25
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- Choice Mixed. Double border varieties.....

½ oz., 60c	.15
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MARGUERITE CARNATIONS

These are the most satisfactory of the annual pinks, and will bloom in four months after sowing the seed. The flowers are large, fragrant and are produced continuously. If slightly protected they will survive an ordinary winter and bloom the following spring.

- White

½ oz., 40c	.10
------------	-----
- Yellow

½ oz., 40c	.10
------------	-----
- Pink

½ oz., 40c	.10
------------	-----
- Scarlet

½ oz., 40c	.10
------------	-----
- Choice Mixed.....

Oz., \$1.50; ½ oz., 25c	.10
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Celosia Plumosa (Feathered Cockscomb). Make fine plants for large beds or groups, and the plumes or flowers can be cut and dried for winter bouquets. Should be treated exactly the same as cockscombs.

Thompson's Superb (Triomphe de l'Exposition). Of pyramidal growth, attaining a height of 3 feet, and producing graceful, feathery plumes of the most brilliant crimson.....

¼ oz., 30c	.10
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Childsi (Woolflower). Bloom starts early with a center head, round and globular, which at times reaches the immense size of 2 feet in circumference. When in full bloom looks like an immense bouquet. Deep crimson scarlet, or pink. Plant 2 to 3 feet high....

2 pkts., 25c	.15
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Thompson's Magnifica. Similar to the preceding, but ranging in color from the clearest yellow to the darkest blood red. ¼ oz., 50c .15

Golden Plume. Bright golden yellow plumes..

¼ oz., 30c	.10
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Plumosa, Mixed. Feathered varieties in all colors.....

¼ oz., 25c	.10
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Cerastium (Snow-in-Summer). **Tomentosum.** H. P. A very pretty dwarf, white-leaved edging plant, bearing small white flowers; hardy perennial..... .15



Carnations

Celosia Cristata (Cockscomb). Free-flowering annuals, growing best in rather light soil, not too rich; make grand border plants and are attractive for pots. Seed can be sown under cover in early spring and planted out in May, or sown out of doors in May.

Empress. Rich crimson; combs of colossal proportions	Pkt. \$0.10
Glasgow Prize. Immense, showy dark crimson combs .....	.10
Queen of the Dwarfs. This we consider the finest of dwarf-growing Cockscombs. The plants grow only 8 inches high, beautiful dark rosecombs .....	.10
Dwarf, Mixed. Fine dwarf varieties. ¼ oz. 50c .....	.10

Centaurea (Bachelor's Button, Cornflower, Blue Bottle or Ragged Sailor). One of the most popular of our garden annuals, blooming continually all summer. Seed may be sown either in spring or autumn. Thrives well in poor soil; for best results plants should be thinned to 8 in.

ANNUAL VARIETIES

Candidissima. (Dusty Miller). H. H. P. Silvery foliage being heavily clothed with a white downy covering. Used extensively for bordering and baskets. 1 ft. ½ oz., \$1.00 .....	.15
Gymnocarpa (Dusty Miller). H. H. P. Fern-like foliage with silvery covering, choice. 1 ft. ½ oz., \$1.00 .....	.10
CYANUS—Single. Bachelor's Button. Single. Finest Mixed. 2 ft. ½ oz., 35c .....	.10
Deep Blue (Emperor William). 2 ft. ¼ oz., 40c .....	.10
Rose. Bright rose. 2 ft. ¼ oz., 35c .....	.10
CYANUS fl. pl. Double. Bachelor's Button. True Deep Blue. ¼ oz., 30c; oz., \$1.00 .....	.10
White .....	.10
Rose Pink .....	.10
Double Finest Mixed. .....	.10
IMPERIALIS (Royal Sweet Sultan). H. A. Flowers very fragrant, of immense size and great variety of colors. Finest Mixed. 2 ft. ¼ oz., 30c .....	.10
White. 2 ft. ¼ oz., 40c .....	.10
Lilac. 2 ft. ¼ oz., 40c .....	.10
Brilliant Rose (Favorita). 2 ft. ¼ oz., 40c .....	.10
Dark Pink. 2 ft. ¼ oz., 40c .....	.10
Purple (Graziosa). 2 ft. ¼ oz., 40c .....	.10
Collection of 5 Colors. .....	.40

PERENNIAL CENTAUREAS

Good plants for the flower border or wild garden, with thistle-like flowers. Blossom in July-August.

Dealbata. Reddish flowers in July; 8 to 24 inches. White foliage. Seeds. ....	.15
Macrocephala. Golden yellow. Seeds. ....	.15
Montana Blue. 2 ft. Beautiful blue. Seeds. ....	.15
Montana Alba, White. Seeds. ....	.15

Cheiranthus Allionii (Siberian Wallflower). A very pretty biennial growing about 12 inches high with heads of brilliant orange flowers from May to midsummer. Very effective in the rockery. Usually blooms the first year from seed.

Cineraria Hybrida G. A. Among the most useful and ornamental of plants that can be grown for hot-house or conservatory decoration. Sow seed from July to September. Young plants require cool location and abundance of water, especially when in bloom.

Kelway's Model. Large-flowering prize strain. Unsurpassed for color and form. 1½ ft. ....	.75
Hybrida Grandiflora. Seed saved only from the choicest specimens .....	.30
Half Dwarf Prize Mixed. Dwarf foliage; large flowers .....	.50
Stellata Mixed (Star Cineraria). A charming sort for house decoration. ....	.25
WHITE-LEAVED CINERARIA (Dusty Miller) Maritima Candidissima. ¼ oz., 50c .....	.10



Calliopsis, Golden Wave (See Page 48)

Chrysanthemum

Single Mixed. Annual. Large range of colors	Pkt. \$0.10
Double Mixed Coronarium. Annual. Oz., 65c .....	.10
Hardy Pompon. A fine strain of the old-fashioned hardy fall-flowering sorts, with double button-like blossoms. Mixed colors. ....	.25
Clarkia H. A. Flowers are borne along the woody stem. Plants attain a height of 15 inches; of branching habit and easy of cultivation. Elegans. Double. Finest Mixed. ¼ oz., 35c .....	.10
Alba. Pure white. ....	.10
Brilliant. Carmine. ....	.10
Salmon Queen. Salmon pink. ....	.10
Scarlet. Orange scarlet. ....	.10

Cleome (Spider Plant). Biennial used as an annual, flowering the first season. Flowers are a delicate rose color. Seed should be sown in March indoors.

Gigantea Hybrida. Giant Hybrids in an assortment of colors, often 4 to 5 ft. in height. ¼ oz., 75c

CLOVE PINKS. See **Dianthus**.

Cobæa H. A. One of the best annual climbers, attaining a height of 15 feet. Flowers bell-shaped, about 3 inches in diameter. Fine for piazza trellises and will grow indoors throughout the winter.

Scandens. Rich purple. ¼ oz., 30c

Scandens Alba. White. ¼ oz., 50c

COCKSCOMB. See **Celosia**.

Coleus (Annual). **Choice Hybrids.** Our strain produces the finest colored, most attractive and novel foliage plants for house or garden culture. Easily raised. Sow indoors in March or April.

Convolvulus (Morning Glory). **Major or Tall Varieties.** One of the most popular annual climbers, growing about 15 feet in height and thriving in almost any situation.

Mixed. The ordinary variety. Oz., 20c

Double Flowering. Mixed colors. Oz., 60c

Imperial Japanese or Emperor Morning Glories are offered on page 54.

Coreopsis **Lanceolata Grandiflora.** This is one of the finest of hardy plants, with large, showy bright yellow flowers, produced in the greatest abundance from June till frost. Unsurpassed for cutting. ¼ oz., 25c

COSMOS

Extra Early Colossal or Midsummer
Giant Cosmos

Early Crimson.	Very rich.....	1/4 oz., 30c	Pkt. \$0.10
Early Pink.	A pretty shade.....	1/4 oz., 30c	.10
Early Pure White.	.....	1/4 oz., 30c	.10
A pkt. each of the 3 colors for 25c.			
Early Mixed.	All colors.....	1/4 oz., 25c; oz., 75c	.10

Early Double Cosmos

This new type is sure to be appreciated, having all the good qualities of the late blooming sort, but flowering in July and August.

		Pkt.
Carnelia.	Rich rosy crimson.....	\$0.25
Peachblossom.	Deep rose-pink.....	.25
Whirlwind.	Pure white.....	.25
A packet each of the 3 colors, 60c.		
Early Double Mixed.	.....3 pkts., 50c	.20

Late Double Cosmos

A recent introduction and becoming more popular each season. The flowers are very artistic and stand for a long time when cut.

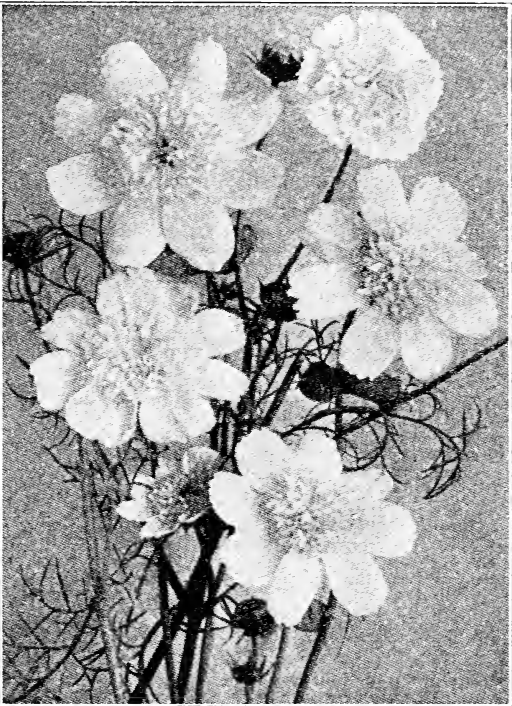
Crimson King.	Deep rose crimson.....	Pkt. \$0.20
Pink Beauty.	Soft rosy-pink.....	.20
White Queen.	Pure white.....	.20
A packet each of the 3 late doubles for 50c.		
Late Double Mixed.	All colors.....2 pkts., 25c	.15
Yellow Cosmos "Klondyke."	Golden, yellow flowers borne on long stems, and measure from 2½ to 3½ inches across. To get this variety in bloom before frost in the States north of Virginia it should be grown in pots or boxes, so that the roots are confined, thus throwing it into flower .....2 pkts., 25c	.15

Autumn Giant, Cosmos

This popular autumn flower bears gigantic flowers, with wide, overlapping petals, making perfectly circular flowers, which are borne on long stems. This type produces the largest and finest blooms in September and October.

Giant Pink.	A beautiful deep rosy-pink.....	1/4 oz., 25c	Pkt. \$0.10
Giant White.	The white-flowered form of the above.....	1/4 oz., 25c	.10
Giant Crimson.	Rich crimson.....	1/4 oz., 25c	.10
A packet each of the 3 colors, 25c.			
Giant Mixed.	Contains an even proportion of the three colors.....	1/4 oz., 20c; oz., 60c	.10

Cultural Directions Sow in the open ground about May 1st. Extra early sorts will bloom the latter part of July, two months before the late-flowering kinds. By careful selection the early varieties will have flowers as large as the late-flowering kinds, and will undoubtedly perfect their blooms in the most northern States.



New Double Cosmos

Prepare
Seed Beds
Carefully



Sowrite Seeders

This is especially true when sowing extremely small seeds. We suggest the use of a "SOWRITE" seeder. It sells for only \$1.00 and will save its cost many times in sowing the proper quantity of seed to a given space. As a general rule seed is sown too thickly.



Cyclamen	(Alpine Violet). Charming house plants, with beautiful foliage and rich colored fragrant flowers; universal favorites for winter and spring blooming. May be successfully raised from seed with a little care and patience. 1 ft.	
Giant Flowered Cyclamen.	Finest, extra choice. 10 seeds, 30c; 20 seeds, 50c; 100 seeds, \$2.00.	
Cypress Vine	A popular climber noted for dainty fern-like foliage and star-shaped flowers.	Pkt.
Finest Mixed	(white and scarlet)...	1/4 oz., 25c \$0.10
Dahlia	A half hardy perennial, flowering the first year, blooming as early and as freely as if grown from tubers.	
Collarette.	Finest mixed.....	.15
Double Cactus.	Finest mixed. Very desirable.	.25
Finest Double Mixed.	From choicest flowers	1/2 oz., 50c .15
Finest Single Mixed.	Best varieties only.....	1/4 oz., 30c .10
Daisy, Shasta	(See also Bellis Perennis.) One of Burbank's productions which has become very popular. Many types are found in our stock, all very desirable	1/4 oz., 50c .10

Delphinium HP

These are hardy Larkspurs of the old-fashioned garden, much improved by the addition of many new colors and forms. Magnificent blues predominate although other attractive shades are not wanting. The plants are tall and stately, blooming from late June until October. July and August are good months for outdoor sowing, although many varieties will bloom the first season from seed sown in early spring. A fairly rich soil and sunny situations suit them best.

- Pkt.
- GOLD MEDAL. Hybrids.** (Perennial Larkspur.) This is a mixture of twelve of Blackmore & Langdon's finest varieties grown separately and seed mixed after harvest. The plants are of strong, vigorous habit, with immense spikes from 2 to 3 ft. long. $\frac{1}{4}$ oz., 60c \$0.15
- Belladonna** (Everlasting Hardy Larkspur). This is the freest and most continuous blooming Hardy Larkspur from June until frost. Clear turquoise blue unequalled for the hardy border $\frac{1}{2}$ oz., \$1.25 .25
- Bellamosum.** This is a rich, deep blue form of the popular light blue Belladonna, having the same free-blooming and other good qualities. $\frac{1}{2}$ oz., \$1.50 .25
- Chinese** (Blue Butterfly). A distinct and neat variety, growing about 18 inches high, with fine feathery foliage, and producing spikes of large blossoms of intense gentian blue. $\frac{1}{4}$ oz., 40c .10
- Album.** The white-flowered form of the preceding..... $\frac{1}{4}$ oz., 40c .10
- Double Hybrids.** Finest double mixed in great variety of charming colors..... $\frac{1}{4}$ oz., 75c .15

Dianthus (Divine Flower).

DOUBLE ANNUAL PINKS

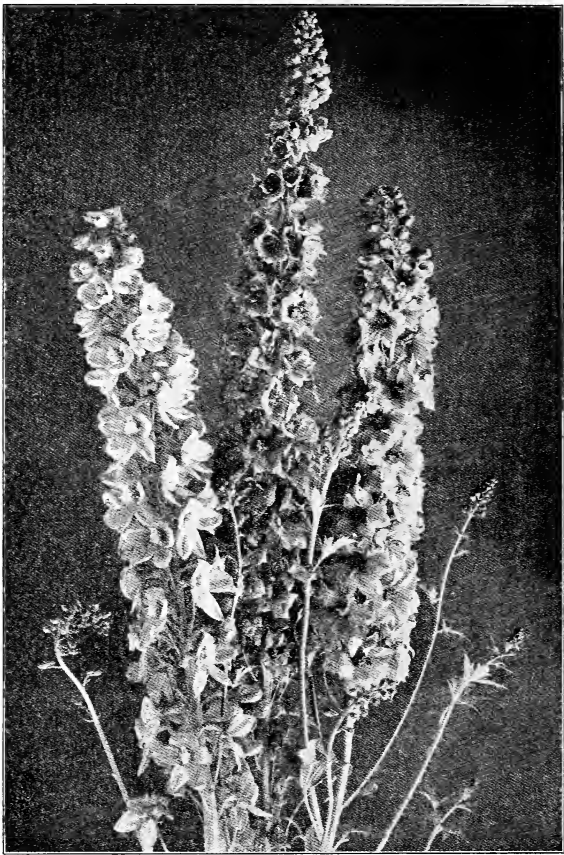
- Pkt.
- China or Indian Pinks** (*Dianthus chinensis*). Flowering from early summer to fall; strong, sturdy growers, suitable for beds and borders. Flowers very double and in unlimited variety of colors on long, stiff stems. Finest mixed. $\frac{1}{4}$ oz., 25c \$0.10
- Japanese Pinks** (*D. Heddewigii* and varieties). A beautiful class of sturdy growing plants, 10 to 12 inches high and of the same width; handsomely marbled and mottled flowers in all imaginable colors; 2 inches and over in diameter. Finest mixed..... $\frac{1}{4}$ oz., 75c .10
- Diadem Pinks.** Very large, showy flowers, beautifully marked and flaked. Splendid mixed $\frac{1}{4}$ oz., 50c .10
- Royal Pink.** A beautiful class for cutting; flowers large and exceedingly fragrant, very double and on long stems; colors range from white to rose, and scarlet to blood red.... $\frac{1}{4}$ oz., 59c .10
- Double Fireball.** Brilliant scarlet; very compact and floriferous vines; for massing..... $\frac{1}{4}$ oz., 75c .15

SINGLE ANNUAL PINKS

- Crimson Belle.** Large, handsome, dark red flowers $\frac{1}{4}$ oz., 50c .10
- Eastern Quince.** Flowers marbled rose and white $\frac{1}{4}$ oz., 50c .10
- Single Royal Pink.** Large flowers; petals fringed and crimped. Blood red to white in color. Finest mixed..... $\frac{1}{4}$ oz., 40s .10
- "Salmon Queen."** The well formed, nicely fringed flowers are a brilliant salmon color changing into a salmon rose when fading. $\frac{1}{4}$ oz., 50c .10
- Vesuvius.** Brilliant geranium red; makes a very effective bed or border..... $\frac{1}{4}$ oz., 50c .10
- Single Pinks, Mixed.**..... $\frac{1}{4}$ oz., 30c .10

HARDY GARDEN PINKS

- Very desirable for beds, borders, cemetery planting, etc. The flowers are highly prized for their spicy, refreshing odor.
- Plumarius Cyclops** (Clove Pink). An exquisite mixture of colors..... $\frac{1}{4}$ oz., 75c .10
- Plumarius fl. pl.** (Double Hardy Scotch Pinks). Double and semi-double varieties in beautiful colors..... $\frac{1}{4}$ oz., 75c .15
- Semperflorens.** 15 inches. Single and double, flowers all spring and summer. Mixed colors. $\frac{1}{4}$ oz., 75c .15
- Johnson's Special Mixture.** A grand selection of clove pinks of the above Plumarius type and others $\frac{1}{4}$ oz., 75c .20



Delphinium—Gold Medal Hybrids

- Pkt.
- Dictamnus** (Dittany, or Gas Plant), H. P. Flowers formed on long spikes; the leaves are thick and if rubbed emit a pleasing fragrance.
- Fraxinella.** 3 feet. An old and beautiful plant with ash-like foliage and large spikes of deep pink, purple veined flowers, excellent for cutting. 3 feet..... $\frac{1}{4}$ oz., 40c \$0.15
- Digitalis** (Foxglove). One of the finest of perennials, bearing long spikes of Gloxinia-like flowers of tubular shape. Plants will grow in partial shade and in almost any good garden soil; attains a height of 4 feet.
- Gloxinioides, Purple** $\frac{1}{4}$ oz., 50c .10
- Gloxinioides, Rose.** Bright, showy flowers borne profusely on fine spikes..... $\frac{1}{4}$ oz., 50c .10
- Gloxiniaeflora, White.** Pure white flowers with dark green foliage make a fine show..... $\frac{1}{4}$ oz., 50c .10
- Canariensis.** A novel color, orange-brown. Of easy culture. Give slight shade and good soil $\frac{1}{4}$ oz., 35c .15
- Choicest Mixed.** Gloxinia-like flowers. $\frac{1}{4}$ oz., 35c .10
- Dimorphotheca** (African Golden Daisy).
- Aurantiaea.** Glossy orange gold..... $\frac{1}{4}$ oz., 50c .10
- New Hybrids.** White and yellow shades..... $\frac{1}{4}$ oz., 50c .10
- Dracaena** (Dragon Plant).
- Indivisa.** Beautiful ornamental-leaved plants; long, narrow, green foliage; indispensable for vases and house decorations.. $\frac{1}{4}$ oz., 35c .10



Gaillardia

Eschscholtzia (California Poppy.) One of the best annuals for bedding, having large, poppy-like flowers varying in different shades of white and yellow. Foliage is very finely cut and the plants bloom from early summer till frost.

California. Yellow, orange center.....	1/4 oz., 50c	Pkt. \$0.10
Carmine King. Deep carmine.....	1/4 oz., 50c	.10
Golden West (Maritima). Bright orange yellow	1/4 oz., 50c	.10
Single Flowered, Mixed. Extra fine.....	1/4 oz., 35c	.10
Double Flowered, Mixed. Very good semi-double flowers. Nice for bedding or for massing.....	1/4 oz., 35c	.10

Eupatorium (Thoroughwort). *Ageratoides*, 2 feet. Pure white ageratum-like flowers; does well in shade..... .10

Euphorbia Exceedingly ornamental foliage and inconspicuous flowers. Very effective in beds and borders. Prefers full sun, but will grow in rather poor soil.

Variegata (Snow on the Mountain). H. A. Fine for bordering, with its clusters of white flowers and foliage variegated green and white. 24 inches..... 1/4 oz., 50c .10

Heterophylla (Mexican Fire Plant)..... 1/4 oz., 40c .15

Everlasting Flowers

HELICHRYSUM—STRAW FLOWERS

Flowers of eternal beauty, those that never fade. Unsurpassed for winter decoration, and when made into bouquets or arrayed in vases, they last for years. Should be cut and dried when in bud and blossom.

Acroclinium album fl. pl. Graceful; double, rose flowers; 1 foot..... .10

Ammobium alatum grandiflorum. Clusters of pure white flowers. 2 feet..... .10

Gomphrena globosa, mixed. Flesh, rose, purple and white. Known as Globe Amaranth. Very neat for pots. 1 1/2 feet..... .10

Helichrysum monstrosum. Double. Splendid mixed. About six colors. 1 1/4 feet..... 1/4 oz., 50c .10

Rhodanthe Manglesi. Bright rose; charming and particularly neat in pots in the spring. Three plants should be potted together as foliage is small. 1 foot..... .10

Xeranthemum annuum. Very nice for summer cutting or for winter bouquets. Double; white, rose and purple. Mixed..... .10

Fern Spores Fine mixed greenhouse varieties Pkt. \$0.25

Fuchsia Double and single varieties mixed. Saved from a prize collection..... .50

FEVERFEW. See *Matricaria*. Page 53.

FORGET-ME-NOT. See *Myosotis*.

FOUR O'CLOCK. See *Marvel of Peru*.

FOXGLOVE. See *Digitalis*.

Gaillardia (Blanket Flower). Very showy bloomers, used abundantly for borders and bedding, splendid for cut flowers. Seed should be started early and will flower continually until frost.

ANNUAL VARIETIES

Picta, Single Mixed. Annual.....	1/4 oz., 25c	.10
Picta, Double Mixed. Annual.....	1/4 oz., 35c	.10

PERENNIAL VARIETIES

Grandiflora hybrida. Finest Mixed. Continual bloomer; very showy and one of the most brilliant garden flowers. Fine for perennial borders	1/4 oz., 35c	.10
Amblyodon. Perennial. Rich blood red; very effective .....		.10
Kelway's Exhibition Hybrids. Entirely distinct. A grand new and improved strain. Flowers of enormous size, borne on stout stems. Choicest mixed.....	2 pkts., 25c	.15

Geum H. P. Large, showy flowers in colors of scarlet and yellow. Fine herbaceous plants for shrubbery border.

Coccineum. Much improved large flowered variety, bright scarlet flowers. 1 foot..... .10

Mrs. Bradshaw. Very large double flowers of the brightest scarlet color. An excellent variety | .15 |

Globe Amaranth (*Gomphrena*). H. A. Globe-shaped, everlasting flowers. When in full bloom should be cut and hung up to dry; will hold their color all winter.

Finest Mixed. 2 feet..... 1/4 oz., 30c .10

Gloxinia Johnson's International Mixture. Magnificent house blooming plants, with handsome bell-shaped flowers in a diversity of the richest colors..... .50

Godetia Succeeds best in poor soil. Very free blooming.

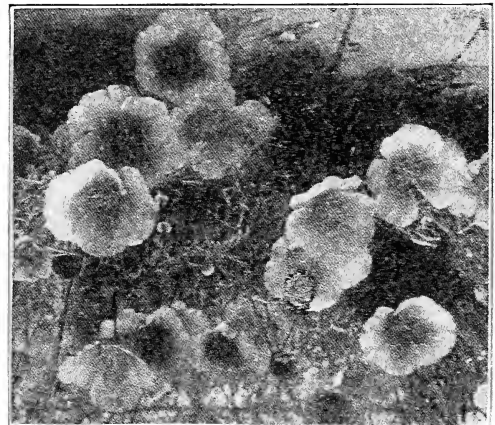
Finest Single Mixed Annuals...... 1/4 oz., 25c .10

Finest Double Mixed...... 1/4 oz., 25c .10

Gourds (Ornamental). Besides the curious fruits, Gourds are desirable to cover walls, arbors, etc. Tender annual.

Small Varieties. Mixed..... Oz., 25c .10

We can also supply any of the following:
Hercules Club, Dish Rag, Dipper, and Nest Egg. all at..... Oz., 30c .10



Eschscholtzia—California Poppies

Grasses (Ornamental). Specimen plants, clumps or entire beds of harmonious varieties are especially interesting. They are always valuable for cutting, and may be preserved and used in combination with Everlasting Flowers for winter bouquets, decoration, etc.

ANNUAL VARIETIES

Briza maxima. 1½ feet. Quaking grass.....	Pkt. \$0.10
Coix Lachrymae (Job's Tears). Seeds are used as beads. 1½ feet.....	Oz. 30c .10
Eragrostis elegans (Love Grass). Nice for sweet pea bunching. 1½ feet.....	.10
Pennisetum longistylum. Graceful, greenish-white plumes.....	.10

PERENNIAL VARIETIES

Pennisetum Japonicum. One of the most valuable for beds or specimens. Easily grown from seed, making nice plants the first year. 4 feet.....	.10
Gynerium argenteum (Pampas Grass). Beautiful silvery plumes. 8 to 10 feet.....	.10
Stipa pennata (Feather Grass). Silvery white, feathery plumes. 2 feet.....	.10

Grevillea (Silk Oak).

Robusta. Fern-like foliage. A fine decorative plant for house and greenhouse; it may be easily grown from seed. 4 feet...¼ oz., 75c .10

Gypsophila (Baby's Breath). Graceful plants, with tiny flowers produced in abundance in loose panicles. Excellent for their delicate effect in bouquets.

Paniculata fl. pl. An extremely vigorous race, producing about 50 per cent of perfectly double pure white flowers.....1-16 oz., \$1.00 .20

Elegans Grandiflora Alba. Annual. An improved large-flowered white form....Oz., 25c .10

Paniculata. This perennial variety is useful for cutting and a fine border plant. Branches may be used for winter bouquet. 3 feet...¼ oz., 35c .10

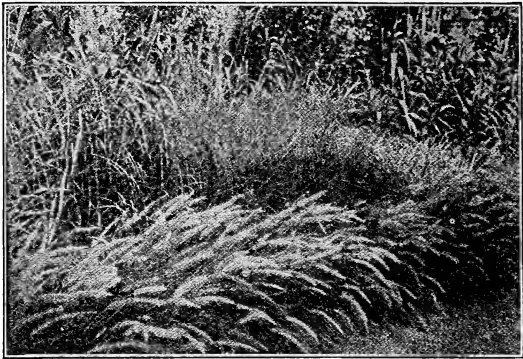
Elegans Rosea. Soft pink.....Oz., 35c .10

Muralis. 6 inches. A lovely little rock or edging plant with rose-pink flowers..... .10

HELICHRYSUM. (See Everlastings).

Heliotrope (Cherry Pie). Delightfully fragrant. Fine for beds or pots. Half Hardy perennial.

Finest Mixed.....½ oz., 40c .10



Ornamental Grasses

Heuchera (Alum Root or Coral Bells). H. P. **Sanguinea.** Long stems of large crimson scarlet flowers. Splendid for cutting. \$0.25 Pkt.

Hibiscus (Rose Mallow). Noble shrub-like plants, with handsome green foliage, bearing throughout summer large bright flowers, from 3 to 5 inches in diameter. Very hardy. Suitable for garden and indoor use when cut.

Crimson Eye. Creamy white flowers, large crimson center..... .10

Golden Bowl. Deep cream, with a velvety maroon center..... .15

Moscheutos. (Rose Mallow.) Very showy pink flowers10

Mixed Mallow Marvels. Grand assortment.....¼ oz., 30c .10

Hollyhock (Hardy Perennial.) We give particular attention to this most popular flower. Seed sown in June or earlier will flower the following summer.

Allegheny, Mammoth Fringed. Very large flowers, finely fringed. Early sown seed will flower the first season. 7 feet. Mixed.....¼ oz., 50c; oz., \$1.75 .15

Double Maroon, Double Red, Double Salmon Rose and Double Yellow. All at...¼ oz., 50c .10

Newport Pink. Fine, pure pink, double variety, exquisite in shade; flowers very double.....¼ oz., 60c .15

Extra Choice Double Mixed. The seed offered under this head has been saved from the finest double flowers only; sure to produce satisfactory results. ¼ oz., 40c .10

ANNUAL HOLLYHOCKS

Everblooming Single Mixed. Large flowers, exhibiting every shade known in Hollyhocks¼ oz., 70c .10

Everblooming Double Mixed. Double and semi-double¼ oz., 70c .10

IBERIS (See Candytuft).

Kochia (Summer Cypress). **Trichopylla.** (Fine summer Cypress.) Grows in a compact bush about 3 feet high. Cannot be excelled for a temporary hedge or screen.....¼ oz., 25c .10

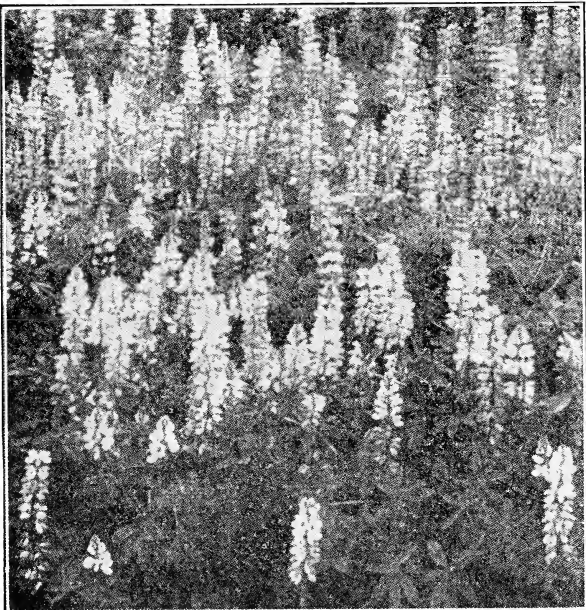
Ipomoea (Morning Glory). **Heavenly Blue** (Rubra Caerulea). Beautiful sky-blue flowers.....¼ oz., 30c .10

Noctiflora (Moonflower). At night and during dull days the plants are covered with an abundance of large, pure white fragrant flowers.....Oz., 60c .10

Setosa (Brazilian Morning Glory). Large Leaves and bright rose-colored flowers.....Oz., 30c .10

Japanese Imperial. Flowers of immense size and of a great variety of colors.....Oz., 30c .10

Japanese Imperial Fringed. Large fringed flowers of many beautiful colors and shades.....Oz., 50c .10



Lupines



Defiance Mignonette

Larkspur Delphinium (Annual).

These handsome Larkspurs are very effective in borders and planted amongst shrubs. The graceful spikes of bloom are much valued for vases. They continue long in bloom. The Emperor, Hyacinth-flowered and Branching varieties bloom a little later than the Stock-flowered. Sow seed in the open border either in early spring or late fall so germination may take place very early in the spring.

STOCK-FLOWERED

Dark Blue	Lustrous Carmine
Dark Rose	(Newport Pink)
Exquisite Pink	Sky Blue
Flesh Pink	White
Lilac	

Each of the above, pkt., 10c; any 3 pkts. for 25c.
Mixed, all colors. Oz., 60c; ¼ oz., 20c; pkt., 10c.
Giant Hyacinth-Flowered Mixed. 3 ft. Derives its name from the striking resemblance of the flowers to a double Hyacinth. Delicate colors. Pkt., 10c.
Dwarf Rocket Mixed. 1 ft. Pkt., 10c.
Emperor Mixed. Produces an abundance of long, slender spikes in the most delicate colors. Pkt., 10c.
Special Mixture. Annual Larkspurs. A charming mixture containing all the bright and delicate shades, makes wonderful cut flower material and should be planted generously. 1 oz., \$1.00; ¼ oz., 30c; pkt., 10c.

Lavatera The Lavateras or Annual Mallows are showy and effective plants covered during the entire summer with bloom. For large borders and cutting they are very desirable.

Splendens Alba. Very large silky pure white flowers	Pkt. \$0.10
Splendens Rosea. Very large bright rose flowers	.10

Lantana **Finest French Mixed.** Desirable half hardy perennial..... .10

Lathyrus **Hardy Sweet Peas.** Mixed..... .10
.....½ oz., 40c

Linaria (Kenilworth Ivy). Trailing plant for baskets and boxes..... .15

Linum (Scarlet Flax). **Grandiflorum Rubrum.** Ideal for bedding; dwarf and compact, with light green foliage and bright scarlet flowers; annual; 1 foot..... .10
.....½ oz., 25c; oz., 40c

Lobelia Tender perennials which flower first season. Adapted to edging, borders, baskets, etc. Pkt.

Crystal Palace Compacta. Fine for bedding.... ½ oz., 50c .10
.....¼ oz., 50c .10
Gracilis. Light blue, trailing.....¼ oz., 50c .10
Cardinalis (Cardinal Flower). A native variety, with spikes of brilliant scarlet flowers; fine hardy border plant; 3 feet.....¼ oz., 75c .25

Lupinus (Lupine—Sun Dial). These are old fashioned favorites that thrive in almost any soil or situation. Same species are extensively used for forage and improvement of poor soils. The taller varieties are useful for the border, and dwarfier sorts for bedding.

Polyphyllus or hardy sorts are very effective, spring-flowering plants, producing large spikes of pea-shaped flowers.

Polyphyllus Roseus. Immense spikes. ½ oz., 60c .15
Polyphyllus, Blue and White, Mixed. Large spikes; very thrifty.....Oz., \$1.00 .10
Polyphyllus, Blue......Oz., 75c .10
Polyphyllus Moerheimi. Fine hardy Lupine plants about 3 feet high, of vigorous growth, bearing long spikes of beautiful flowers. In color, a combination of light and dark pink.....¼ oz., 50c .15
Perennial Varieties. Choice mixed.....¼ oz., 25c .10
Annual Sorts. This class is a great improvement on the old form. Very showy and nice for cutting. 2 feet. **Blue, Rose, White, Red and Sky Blue.** Each.....Oz., 60c .10
Annual Sorts Mixed......Oz., 50c .10

Marvel of Peru **Four O'Clock.** We make a specialty of this fine old garden favorite. Give good soil and sunny location. Splendid mixed hybrids.....Oz., 20c .10

Maurandia Elegant twining, climbing plants, with handsome foliage and flowers..... .10

Marigold (Tagetes). Splendid for beds or borders; the tall varieties grow about 3 feet high; the dwarf sorts, 18 to 24 inches.

DOUBLE AFRICAN (Tagetes Erecta)

Eldorado. Bright orange flowers, shaded primrose, 3 to 4 inches across. 2 feet.....¼ oz., 40c .10
Lemon Queen. Very large, double canary yellow flowers. Erect, branching habit. 2 feet.....¼ oz., 50c .10
Orange Prince. A high-bred tall growing variety, bearing large, perfect double quilled flowers of a rich deep golden orange color; the finest of all and very showy.....¼ oz., 50c .10
Pride of the Garden. Dwarf and bushy; double, large-sized flowers of various shades of yellow.....¼ oz., 40c .10
Tall Double African Mixed......¼ oz., 25c .10
Dwarf Double African Mixed......¼ oz., 25c .10

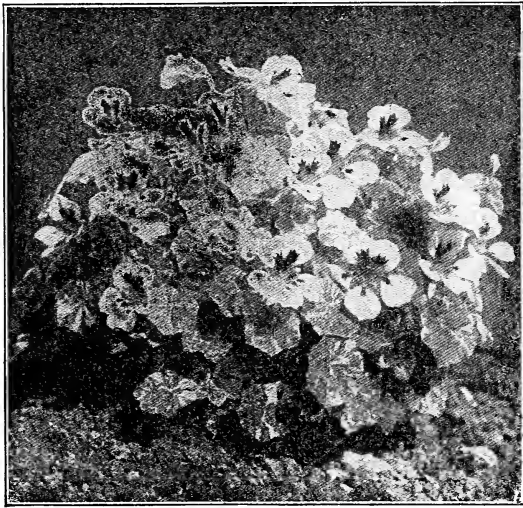
DOUBLE FRENCH (Tagetes Patula)

These are very bright and effective in ribbon lines or for edging beds of tall plants.

Legion of Honor. Single; bright yellow edges with dark crimson spots or blotches; a good bedder. 9 inches high.....¼ oz., 30c .10
Dwarf Double French Mixed......¼ oz., 25c .10
Tall Double French Mixed......¼ oz., 25c .10

Single Marigold (Signata Pumila). A miniature Marigold, forming compact little plants 6 to 8 inches high, and completely covered with flowers, which are bright yellow with brown stripe down the center of each petal. Very striking for edgings. Sow the seed in spring in boxes and transplant. Pkt., 10c.

Matricaria **Feverfew.** For beds and edges. Half hardy. Dwarf double white .10
Eximia, Golden Ball. Golden yellow; fine for pots .15



Nasturtium-Dwarf

- Mignonette** (*Reseda Odorata*). **Large** Sweet Scented. Most Satisfactory for garden.Oz., 20c \$0.10
- Machet**. Dwarf; very floriferous and fragrant. ¼ oz., 25c .10
- Bismarck**. Immense red flowers and most delicious odor. ¼ oz., 35c .10
- Defiance**. Immense spikes which keep until every bud is open. ¼ oz., 25c .10
- Mimosa** (*Sensitive Plant*).
Pudica. White with pink blush.10
- Mimulus** (*Musk Plant*).
Moschatus. For baskets, etc. Yellow flowers fragrant foliage.15
- Morning Glory**. (See *Convolvulus*).
- Myosotis** (*Forget-me-not*). Pkt.
Alpestris Royal Blue. Rich indigo. ¼ oz., 50c \$0.10
Alpestris White. Very fine. ¼ oz., 40c .10
Alpestris Mixed. Various colors. ¼ oz., 40c .10
Dissitiflora. Perennial. Clear blue. Early15
Palustris Semperflorens. Dark blue.15
Hybrida, Ruth Fischer. Hardy biennial. Pure forget-me-not blue. Fine for cutting and for hanging baskets. Can be forced successfully and, owing to its extreme hardiness, it is valuable for spring bedding in open ground.. .25
- Nicotiana** (*Tobacco Plant*). H. A. The long tube-like flowers are borne in clusters, and open toward evening. 2 to 3 feet. Succeeds best in sunny beds or borders.
Affinis. White, 3 feet. ¼ oz., 25c .10
Sanderæ. **Finest Mixed**. A brilliant carmine-red. 3 feet. Blooms all summer ¼ oz., 45c .10
- Nierembergia** (*Cup Flower*). **Fru-**
tescens. Blooming the first year if sown early. Most desirable for baskets, etc. ¼ oz., 40c .10
- Nigella** (*Love-in-a-Mist*, or *Devil-in-the-Bush*). H. A. Charming and showy flowers, with finely cut foliage which surrounds the flower.
Miss Jekyll. Double, bright blue; excellent for cutting. ¼ oz., 25c .10
Damascena. A compact, free-flowering plant of easy culture, growing in any garden soil; hardy annuals; blue and white mixed; one foot. Oz., 35c .10

NASTURTIIUMS

Tall Nasturtiums are especially suitable for covering fences, rockeries, trellises, or waste places that may not be very fertile, while the dwarf are splendid for borders and edgings.

JOHNSON'S SUPERB TALL MIXED

This is a fitting companion mixture to Johnson's Superb Dwarf collection offered above. This also contains the choicest colors in greatest variety. Pkt., 10c; oz., 20c; 2 oz., 35c; 4 oz., 60c; lb., \$2.00.

JOHNSON'S SUPERB DWARF MIXED

One of the choicest collections of really high-class varieties not commonly found in mixtures. It contains many high-priced named kinds of superb colors. Pkt., 10c; oz., 20c; 2 oz., 35c; 4 oz., 60c; lb., \$2.00.

VARIEGATED VARIETIES

Ivy-Leaved, Mixed. Pkt., 10c; oz., 20c.
Variegated-Leaved, Mixed. Pkt., 10c; oz., 20c; 4 oz., 60c.

Pentstemon (*Beard Tongue*). Highly useful and attractive perennials in the hardy border.

Gloxinioides "Sensation". As a bedding plant this takes rank with the *Petunia*, *Phlox*, etc. It grows about 2 feet high, every branch being a spike of large, *Gloxinia*-like flowers in a very wide range of bright colors, including rose, red, carmine, cherry pink, lilac, purple, etc. 2 pkts., 25c \$0.15

Barbatus Torreyii. Spikes of brilliant coral red, very effective; June to August; 3 to 4 feet10

Mixed. A great variety of kinds and colors.10

Polyanthus (*Primula Elatior*). **Large Flowering Mixed**. Charming early spring-flowering plants. Perfectly hardy and most effective for beds or masses. 1-16 oz., 75c .75



NIGELLA—(Love-in-a-Mist)

Johnson's Superb Pansies

HEARTSEASE

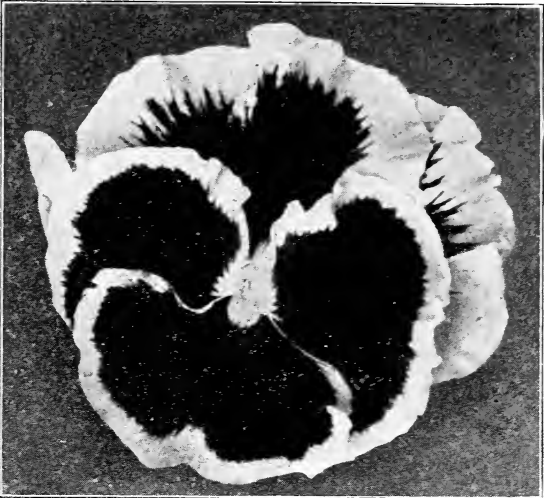
The seed that we offer comprises the very finest strains obtainable, and will be found very superior. Pansy plants ready at proper season.

FINEST SHOW PANSIES. Enormous Flowers	
Johnson's Universal Mixture. This is the finest mixture possible to make as regards size, texture and colorings....	Pkt. \$0.50
Masterpiece. Giant curled and ruffled Pansies. Very beautiful, containing the richest combination of colors.....	.25
Bugnot's Superb Blotched. Flowers of enormous size. The shadings comprise tints of red, bronze, and brown not found in any other mixture .....	.25
Cassier's Giant. The largest-flowered class of blotched Pansies.....	.25

GIANT TRIMARDEAUX PANSIES

Giant Golden Queen. Pure yellow.....	.15
Giant Atropurpureum. Deep royal purple....	.15
Giant White. White, with dark eye..	.15
Giant Snowflake (Snow Queen or Candidissima). Pure snow white.....	.15
Giant King of the Blacks. Intensely dark....	.10
Giant Striped or Mottled. Curiously striped and flamed sort in rainbow tints.....	.15
Giant Hortensia Red. Very fine.....	.15
Giant Mixed. Extra fine blending of colors....	.10

Phlox Drummondii	This is one of the prettiest annuals and should occupy a prominent place in every garden. The flowers are fine for cutting.
Prize Mixture of Large Flowering Phlox.....	.10
GRANDIFLORA VARIETIES. 1 ft. ....	.10
Finest Mixed....	\$0.10
Alba. Pure white.....	.10
Bright Rose.....	.10
Crimson.....	.10
Dark Purple.....	.10
GRANDIFLORA. Dwarf. 6 in. ....	.15
Finest Mixed....	.10
Fireball Scarlet.....	.10
CUSPIDATA (Star Phlox). Flowers star-shaped with long, pointed petals.	
Finest Mixed. 18 in.....	.10
Phlox, Hardy	Decussata. Perennial varieties mixed with a celebrated collection. Seed slow in germination and may not sprout in a year.....



Johnson's Universal Pansy

PETUNIA

BALCONY PETUNIAS. (See page 32.)

Giants of California Mixed. The flowers are very large and the colors embrace every conceivable shade of crimson, white, violet, lavender, etc.....	Pkt. \$0.25
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SINGLE GIANT FLOWERED PETUNIAS

Johnson's Large-flowering, Fringed. An unsurpassed mixture from show flowers.....	.25
Ruffled Giants. A distinct class with very large, deeply ruffled flowers.....	.25
Ruffled and Fringed Giants. Exquisitely fringed and ruffled on the edges, and of immense size, in endless varieties of colors.....	.50

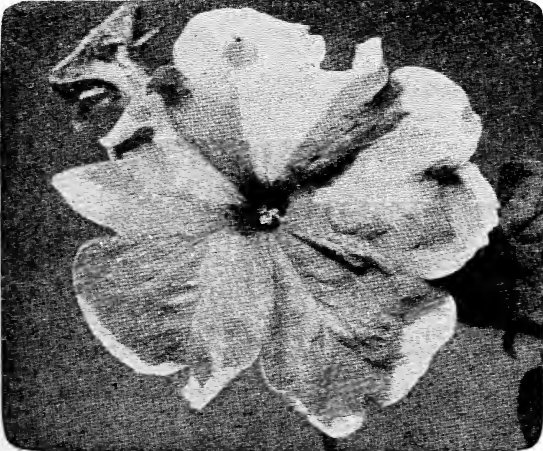
SINGLE BEDDING PETUNIAS

Inimitable Compacta. Bushy little plants are covered with pretty striped and star-shaped flowers .....	.10
Howard's Star. Very free flowering. A blush pink star on purple ground.....	.10
Rosy Morn. Soft carmine pink with white throat .....	.10
Purple King. Royal in color and size; a wonderful introduction.....	.25
Hybrida, Choice Single Mixed. A good mixture for bedding, baskets, vases, etc.....	.10

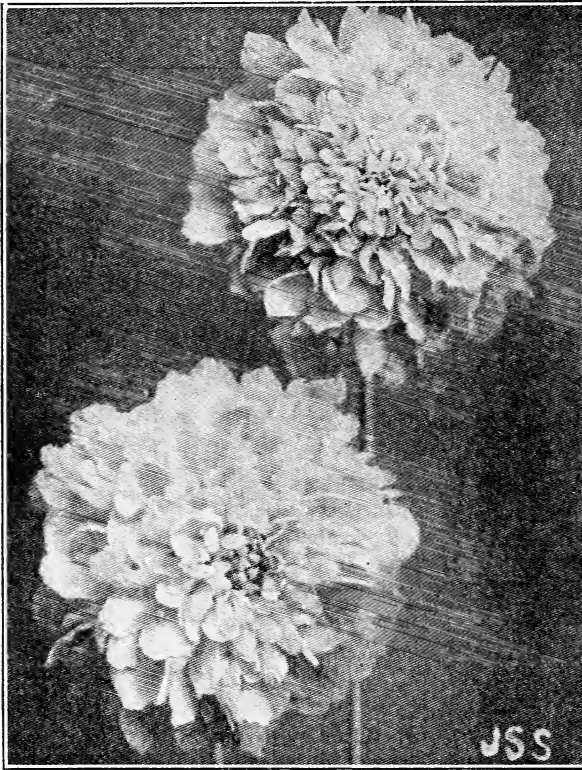
LARGE-FLOWERING DOUBLE PETUNIAS

In growing Double Petunias from seed the weaker seedlings should be carefully saved, as these usually produce the finest double flowers.	
Superb Double-fringed. Saved from an unrivaled collection; will produce a large percentage of double flowers of the largest fringed varieties in best colors....	.50
Double Large-flowering. Beautiful varieties in mixture. This is grown for us by a specialist .....	.35
Double Small Flowered Mixed. The flowers of this strain are smaller than those of the above types, but they are produced in greater profusion .....	.25

Physostegia (False Dragon Head). Fine for a cool situation and rich, light soil, bearing erect spikes and pretty feather-like flowers. Useful for borders, wild gardens and for cutting.	
Virginica. Dense bushes with spikes of delicate pink tubular flowers. 3 ft. Blooms June-September .....	.10
Virginica Alba. White. 3 ft. Blooms June-September .....	.10



Ruffled Giant Petunia



Large Flowering Scabiosa

Poppy

(Papaver) A.

ANNUAL SORTS

	Pkt.
Annual Oriental. A new strain of the Oriental Poppy, which will bloom the first year, if sown early	\$0.25
Tulip. Single. Bright scarlet..... $\frac{1}{2}$ oz., 60c	.10
Shirley. Finest Mixed. Very popular.. $\frac{1}{4}$ oz., 30c	.10
Mikado. Double. White with crimson stripe..... $\frac{1}{2}$ oz., 25c	.10
White Swan, Double. Pure white.. $\frac{1}{2}$ oz., 25c	.10
Best Single Mixed. $\frac{1}{2}$ oz., 25c	.10

HARDY OR PERENNIAL POPPIES

Orientele. Deep crimson. Very showy.. $\frac{1}{4}$ oz., 50c	.10
Orientele. Mixed colors .....	.15
Iceland. Orange red .....	.15
Iceland. Album .....	.15
Iceland. Finest mixed..... $\frac{1}{4}$ oz., 50c	.10

Portulaca

H. A. A very free flowering plant; excellent for borders and rockeries and frequently used for bedding. Seed sown in May will bloom during July and a continuous display of flowers will be had until frost. 6 in.

Finest Single Mixed. $\frac{1}{4}$ oz., 25c; oz., \$0.75	.10
Finest Double Mixed. $\frac{1}{4}$ oz., 75c; oz., 2.50	.10

Pyrethrum

Most attractive, hardy perennials. Valuable border plants with stems about two feet high, each surmounted with handsome flowers, in the brightest shades of rose, pink, crimson, etc.

Single Hybrids. This mixture contains the very largest flowering and choicest varieties..... $\frac{1}{4}$ oz., 75c

Golden Feather (Aureum). Dwarf growing varieties, with bright yellow foliage; largely used for edgings and ribbon work. Usually treated as an annual. 3-4 feet.. $\frac{1}{4}$ oz., 50c

Double Roseum Hybrids. Lovely pink shades; splendid for cutting.....

Uliginosum (Giant Daisy). A fine hardy perennial; grows 3 to 4 feet high, and from July to September is literally hidden beneath the multitude of large white daisy-like flowers

Primula (Primrose), **Half Hardy Sorts.** Useful for pot culture or for rockeries and borders. While hardy under favorable conditions of soil and moisture, it is prudent to protect them over winter, particularly against saturation of soil by water.

	Pkt.
Auricula. A wonderful range of colors. 1 foot	\$0.25
Japonica (Japanese). New Hybrids. Vigorous, large-leaved and about 18 inches high, throwing a tall flower-stem. Colors vary from bluish-white to crimson and maroon, and of many pleasing shades. 1-16 oz., \$1.00	.25
Vulgaris (English Primrose). Yellow, fragrant .....	.10
Malacoides. A giant Baby Primrose from China. Foliage light green, deeply waved and fringed. 6 to 10 inches; light lilac..	.25
Malacoides alba. Fine white.....	.25
Elatior. See Polyanthus, page 54.	
Giant Fringed. Superb mixed.....	.50
Sinesis stellata, mixed. A beautiful new class.	.50

OBCONICA PRIMULAS

A good variety for pot-plants for decorative use, blooming from autumn to spring. May also be used outdoors. The Grandiflora varieties are the freest flowering, but lack the very large individual blooms of the newer Gigantea type.

Gigantea Kermesina. Rich crimson.....	.25
Rosea. Pure rose color.....	.25
Mixed. All colors.....	.20
Grandiflora alba. Pure white.....	.20
Kermesina. Bright crimson.....	.20
Rosea. Beautiful clear rose.....	.20
Appleblossom. Soft pink.....	.20
Mixed. All colors.....	.15

Ricinus

(Castor Oil Bean). Magnificent tropical-looking plants for lawns or large beds.

Zanzibarensis. Finest of all. Gigantic leaves of various colors.....Oz., 25c; $\frac{1}{4}$ lb., 75c	.10
Bourboniensis. Elegant green foliage...Oz., 25c	.10
Cambodgensis. Very dark, almost black..Oz., 25c	.10
Finest Mixed......Oz., 20c; $\frac{1}{4}$ lb., 55c	.10

Rudbeckia

(Coneflower).

Bicolor superba. Fine free-flowering annual growing about 2 feet high; forming a dense bush. The disc is brown, the florets golden yellow, with large velvety brown spots at the base; useful for cutting..... $\frac{1}{4}$ oz., 25c

Purpurea (Giant Purple Coneflower). A most interesting hardy perennial, producing all summer large, showy reddish-purple flowers, about 4 inches across.....

Salpiglossis

Fine Mixed. (Painted Tongue). All colors.. $\frac{1}{4}$ oz., 40c; oz., \$1.25

Salvia

Bonfire (Clara Bedman). A Salvia of very compact growth, vivid scarlet. Very popular. $\frac{1}{4}$ oz., \$1.10

Splendens. The old standard bright scarlet.... $\frac{1}{4}$ oz., 75c

Early Dwarf Zurich. Grows only 12 to 15 inches high, with fine, erect slender spikes to each plant, borne well above its foliage. Color brilliant scarlet; splendid bedding variety; earliest of all.....

Patens. Bright blue flowers of large size; excellent for the border or greenhouse; height 2 feet.....

Azurea grandiflora. A hardy perennial variety producing during August and September, spikes of pretty sky-blue flowers; 2 feet....

Farinacea. Light blue flowers in great abundance; good for cutting; forms a neat bush. 3 feet

Scabiosa

(Mourning Bride, Sweet Scabiosa, Pin-Cushion Flower, etc.)

These are firm favorites with many of our customers. Seed can be sown any time in the spring after danger of frost is past.

They grow about 2½ feet high, and come into bloom early in July, and continue without interruption until hard frost. The beautiful flowers in exquisite shades are borne on long stems, and when cut keep in perfect condition for the best part of a week. They make effective borders or beds, and no garden is complete without Scabiosas, especially where flowers are wanted for cutting.

Large-flowering Annual Scabiosas

	Per ¼ oz.	Per pkt.
Azure Fairy. Clear lavender blue.....	\$0.35	\$0.10
Crimson. Rich rosy crimson.....	.35	.10
Flesh Pink. Delicate tone of pink.....	.35	.10
King of the Blacks. Velvety black purple.....	.35	.10
Rose. Soft rose color.....	.35	.10
White. Pure white.....	.35	.10
Collection of a packet each of the six colors, 40c.		
Mixed. All colors of the Improved Large-flowering.....	¼ oz., 30c; oz., 70c	.10

Hardy Perennial Scabiosas

Caucasica (Blue Bonnet). One of the handsomest of hardy perennials, especially valuable for cutting, the blooms lasting a long time in water; color soft lavender-blue; 3 feet.....	5 pkts., \$1.00	.25
Japonica. A variety from Japan, forming bushy plants, 2½ feet in height, and bearing on long, wiry stems beautiful, artistic, lavender-blue flowers; a fine cut flower.....	¼ oz.	.15

Schizanthus (Butterfly, or Fringe Flower). H. A. Dainty, erect growing plants for the house or garden. Noted for its wonderful variety of coloring.

Hybrida grandiflora compacta. These are large-flowered with wonderfully beautiful color combinations in the same flower. 15 inches high.....

Wistonenensis. Charming long and profusely-blooming hybrids. Excellent for greenhouse culture.....

Mixed..... ¼ oz., 35c.....

Sedum (Stonecrop). H. P. Suitable for rock-work, stone walls, edgings and dry situations. Their foliage and bright flowers attract attention.

Finest Mixed. 4 in..... Oz., \$1.00.....

Smilax (Myrsiphyllum asparagoides). G. P. Used extensively for inside decorations; climbing habit. 10 ft..... ¼ oz., 50c.....

Statice (Sea Lavender). H. P. Long panicles of small, light blue flowers, which if dried will make nice Winter bouquets.

Latifolia. Purplish blue. 2 ft..... ¼ oz., 50c.....

Stevia G. P. The tiny white flowers are produced in long, loose panicles. Fine for cutting.

Serrata. 2 ft..... ½ oz., 50c.....

Stocks (Gilliflower).

Cut-and-Come-Again Varieties. Excellent for cutting; very fine for outdoor planting. Blood-red, rose, dark blue, Princess Alice (pure white), yellow and mixed.. ½ oz., 75c.....

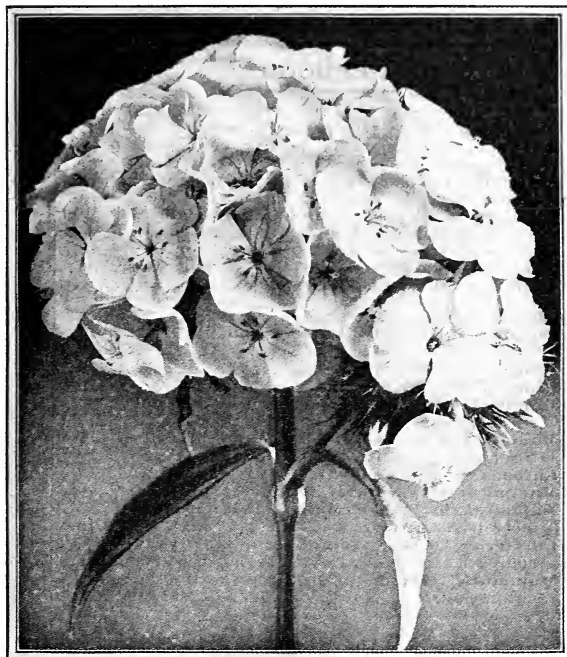
Large-Flowering (Ten-weeks Stock). Particularly suited for pot culture, beds or edging. Habit is dwarf and bushy. 8 inches; 90 per cent double flowers. Rose, blood-red, purple, canary-yellow, crimson, light blue, white and mixed..... ½ oz., 50c.....

Stokesia (Cornflower Aster). This popular hardy perennial bears all summer, large, attractive flowers, resembling semi-double asters; fine for cut flowers. 2 feet.

Cyanea. Lavender-blue; handsome.. ¼ oz., 50c.....

Cyanea, Mixed..... ¼ oz., 50c.....

Alba. White..... ½ oz., 75c.....



Sweet William—Pink Beauty

Sunflower (Helianthus).

	Pkt.
Miniature. Best mixed..... ¼ oz., 30c	\$0.10
Miniature Red Oz., 65c	.10
Large Russian. Tall mammoth-flowered.....	
..... Oz., 20c	.10

Sweet William (Dianthus Barbatus). Fragrant hardy perennial for border and bedding. They flower richly in almost any soil.

Pink Beauty. A rich, deep rose shade.. ¼ oz., 50c.....

Scarlet King (New). An intensely deep rich, pure scarlet; a grand acquisition.. ¼ oz., 60c.....

Mixed, Single. All colors..... ¼ oz., 25c.....

Newport Pink. Color watermelon pink, fragrant. 18 inches high.. Oz., \$3.00; ¼ oz., \$1.00.....

Thunbergia H. A. Pretty trailing plants, mostly used for window boxes, vases and urns; foliage and flowers produce a striking effect.

Alata. Yellow, with dark eye. 5 ft.. ¼ oz., 50c.....

Tritoma (Red-Hot Poker Plant or Flame Flower). H. P. Magnificent, large spikes of orange-red flowers, attaining a height of 4 ft., effective in single clumps or among shrubbery.

Uvaria grandiflora. Orange and scarlet.....

Valerian H. P. Fine border plants with long spikes of fragrant flowers, suitable for cutting.

Finest Mixed..... ¼ oz., 35c.....

Veronica (Speedwell). H. P. Long spikes of brilliant blue flowers, excellent for growing in shady places and requiring plenty of moisture.

Longifolia. Rich blue. 3 ft..... ½ oz., 40c.....

Spicata. Light violet blue. 3 ft..... ½ oz., 35c.....

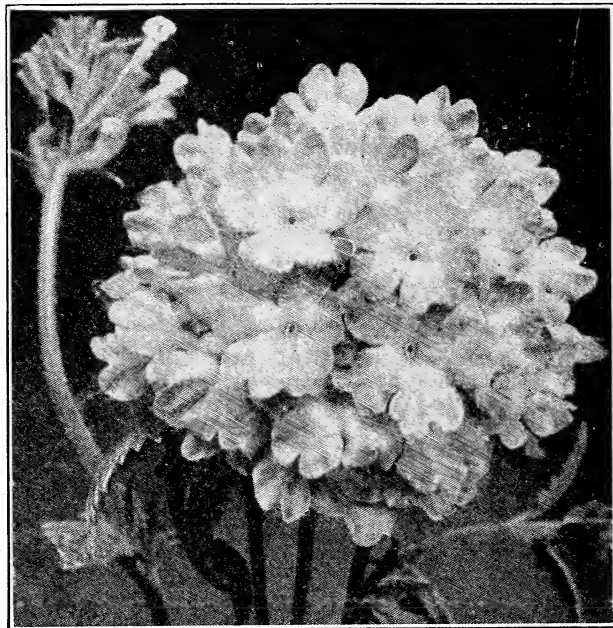
Vinca (Periwinkle). H. A. of easy cultivation, growing very readily from seed and flowering same season. Plants have dark green foliage and the pink or white single flowers make fine pot plants.

Finest Mixed. 1 ft..... ¼ oz., 60c.....

Johnson's Mammoth
Verbenas

We have been carefully selecting and improving this fine strain of Verbenas for years, and can recommend it as the very best procurable. The trusses and individual flowers are of the largest size; of brilliant colors, free-blooming and of vigorous habit. For best and quickest results, seed should be sown early in the house or hotbed, and transplanted to flowering quarters in May. If sown outdoors in May, it blooms from the end of July on. We offer the following colors:

	Pkt.
Pink. Various pink shades.....	\$0.10
Purple. Rich dark blues and purple.....	.10
Scarlet. Uniform bright scarlet.....	.10
White. Purest white .....	.10
Blue. Light to medium blue shades.....	.10
Mammoth Defiance. Bright, rich scarlet; small leaves .....	.10
Mammoth Blue Varieties. Showy and distinctive .....	.10
Lutea. Bright yellow.....	.10
Mammoth Mayflower. Beautiful pink....	.10
Mammoth Striped Varieties. Beautiful collection .....	.10
Lucifer. Deep cardinal scarlet. Very rich .....	.15
Mammoth Mixed. Containing all the colors .....	.10
	¼ oz., 50c; oz., \$1.50



Verbena—Mammoth Pink

Various Verbenas

	Pkt.
Hybrida, Fine Mixed. A splendid mixture, flowers not quite so large as our Mammoth strain	¼ oz., 30c \$0.10
Lemon Verbena (Aloysia Citriodora). Every garden should have a few plants of this fragrant favorite. Its pale green delightfully scented foliage goes well with any flower. Start indoors.....	.15
Erinoides (Moss Verbena). This lovely variety produces a mass of moss-like foliage, spreading over the ground like a carpet, above which are borne heads of purplish-blue and white blossoms in lavish profusion; comes into flower in June and continues until frost. For beds, baskets or rockeries it is highly desirable.....	.10
Venosa (Hardy Garden Verbena). This variety is largely used for bedding purposes. It is a strong, thrifty grower about 1 foot high, and covered from early summer until late fall with its bright purplish-heliotrope flowers	¼ oz., 30c .10

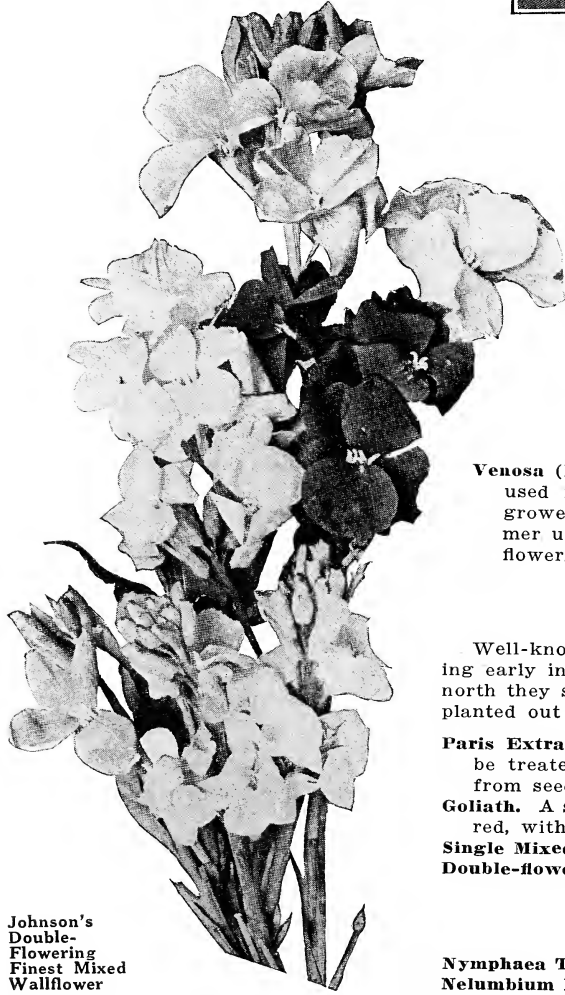
Wallflower

Well-known deliciously fragrant half hardy perennials, blooming early in the spring, with spikes of beautiful flowers. In the north they should be protected in a cold frame in the winter and planted out in April.

	Pkt.
Paris Extra Early. A beautiful single variety, which may be treated as an annual, flowering through the summer from seed sown in spring.....	¼ oz., 25c \$0.10
Goliath. A splendid single variety; flowers of a rich, shining red, with a black velvety sheen.....	.10
Single Mixed. All colors.....	¼ oz., 20c; oz., 60c .10
Double-flowering Finest Mixed.....	.2 pkts., 25c .15

Water Lily Seeds

Nymphaea Tender Varieties Mixed.....	.15
Nelumbium Mixed Sorts.....	.15



Johnson's Double-Flowering Finest Mixed Wallflower

Johnson's Grand Spencer or Orchid-Flowered Sweet Peas HA

Our Leaflet

"Sweet Pea Culture"

Free When
Asked For



Cream or Primrose

Dobbie's Cream. Clear, deep cream; perfect form. Pkt., 10c; oz., 40c.

Cream-Pink

New Miriam Beaver. One of the daintiest shades in Sweet Peas. Soft hydrangea-pink, tinted salmon. Pkt., 10c; oz., 35c; ¼ lb., \$1.10.

Picture. A recent English introduction. Salmon-pink; large and of elegant form. Pkt., 10c; oz., 50c.

New Mary Pickford. Beautiful light and dainty cream pink. Pkt., 15c; large pkt., 30c; oz., 60c.

Margaret Atlee. Rich, glowing pink on cream ground, suffused with salmon on standard and wings. Pkt., 10c; oz., 50c; ¼ lb., \$1.60.

Deep Pink

Countess Spencer. The original Spencer variety; lovely clear pink. Pkt., 10c; oz., 35c; ¼ lb., \$1.10.

Hercules. Soft rose-pink; extraordinary size and substance. An improvement on Countess Spencer. Pkt., 10c; oz., 35c; ¼ lb., \$1.10.

Hawlmarm Pink. A sensational novelty. Bright pink with a suggestion of salmon. Extra large. Pkt., 10c; oz., 50c; ¼ lb., \$1.60.

Rose and Carmine

Rosabelle. Deep rose with a white blotch at the base of standard and wings. Pkt., 10c; oz., 35c; ¼ lb., \$1.10.

George Herbert. Magnificent, rich rosy carmine self. Extra large. Pkt., 10c; oz., 35c; ¼ lb., \$1.10.

Salmon and Cerise

Barbara. Rich salmon self, of finest form. Pkt., 10c; oz., 40c.

Illuminator. Glowing cerise-salmon, suffused with orange. Pkt., 10c; oz., 35c; ¼ lb., \$1.10.

Sweet Peas HA

It has been only a few years since the first of the Spencer Sweet Peas was introduced to American gardeners, but they have in that short time so completely overshadowed the old-fashioned or Grandiflora varieties that the latter are almost forgotten. The flowers of the Spencer or Orchid-Flowered type are of extraordinary size, with beautifully waved standards and wide-spreading wings, round and open, often measuring 2 inches or more across. A large percentage bear four of these immense blossoms to the stem, and the stems are long and strong, making them of exceptional value for cutting.

In exquisite form and range of elegant colors, there are no flowers to compare with Sweet Peas. We offer the cream of the Spencer sorts that have been tested and found to be of true merit and distinct in color.

PAMPHLET ON SWEET PEA CULTURE FREE

Johnson's Grand Spencer Mixture

A liberal planting of this mixture will furnish a most magnificent display of Spencer types. All shades of color. Gigantic Waved Spencer Type. Pkt., 10c; oz., 30c; ¼ lb., 85c; lb., \$2.75.

White

King White. Pure, glistening white; gigantic in size and perfect in form. The best white to date. White-seeded. Pkt., 10c; oz., 35c; ¼ lb., \$1.10.

Constance Hinton. A mammoth, black-seeded white; sometimes tinged with blush at the base of the petals. Pkt., 10c; oz., 35c; ¼ lb., \$1.10.

Blush-Pink

Elegance. One of the newest. Flowers of immense size; dainty lilac-pink on white ground. Pkt., 10c; oz., 50c.

Elfrida Pearson. Lovely soft pink throughout; flowers of large size and exquisite form. Pkt., 10c; oz., 35c; ¼ lb., \$1.10.

Orange

Tangerine, Improved. This is the last word in orange Sweet Peas. Large, beautifully formed flowers. Pkt., 10c; oz., 50c.

Robert Sydenham. Deep glowing orange. Pkt., 10c; oz., 40c.

Helen Lewis. Orange-rose wings; standard crimson-orange. Pkt., 10c; oz., 35c; ¼ lb., \$1.10.

Orange-Scarlet

Defiance. Pure flaming orange-scarlet. Pkt., 15c; oz., 70c.

Fiery Cross. Fire-red or rich orange-scarlet, without any shading. A famous variety; one of the brightest in existence. Pkt., 10c; oz., 40c; ¼ lb., \$1.20.

Royal Scot. Pkt., 10c; oz., 50c.

The President. Brilliant orange-scarlet; largest size. Pkt., 10c; oz., 40c; ¼ lb., \$1.20.

Scarlet and Crimson

Vermilion Brilliant. Intense pure scarlet. Pkt., 10c; oz., 35c.

King Edward Spencer. Bright crimson-scarlet; flowers of the largest size and finest form. Pkt., 10c; oz., 35c; ¼ lb., \$1.10.

Crimson King. Rich deep crimson. Pkt., 15c; oz., 70c.

Dobbie's Sunproof Crimson. A bright, lasting color; requires no shading from the sun. Pkt., 10c; oz., 35c; ¼ lb., \$1.10.

Lavender

Hawlmarm Lavender. New. Pure true lavender of immense size. Pkt., 25c.

R. F. Felton. A very fine clear, deep lavender. Pkt., 10c; oz., 40c.

Austin Frederick Improved. Giant lavender. Pkt., 10c; oz., 40c.

Asta Ohn. Lavender with a mauve suffusion. Pkt., 10c; oz., 35c.

SPENCER OR ORCHID-FLOWERED SWEET PEAS—Cont.

Fancy or Art Shades

Irish Belle. Pastel lilac, with a blush-pink suffusion. Pkt., 10c; oz., 35c.

Afterglow. A remarkable combination of pastel colors. Standard rosy amethyst; wings electric blue. Charming. Pkt., 10c; oz., 40c; ¼ lb., \$1.25.

Brocade. An unusual but exceedingly attractive combination of lavender, rose, and salmon-pink with satiny sheen. Pkt., 15c; oz., 50c.

Bicolor

Apple Blossom. Standard cream, flushed pink; wings deep rose. Pkt., 10c; oz., 35c; ¼ lb., \$1.10.

Mrs. Cuthbertson. Standard rose-pink; wings blush-white; very pretty for bunching. Pkt., 10c; oz., 35c; ¼ lb., \$1.10.

Blanche Ferry Spencer. Standard bright carmine-rose; wings pure white. An old favorite. Pkt., 10c; oz., 35c; ¼ lb., \$1.10.

Blue

Mrs. Tom Jones. Bright delphinium-blue. The newest and best light blue. Pkt., 10c; oz., 50c.

Wedgwood. Lovely, light blue, of exquisite form; free-blooming. Pkt., 10c; oz., 35c.

Commander Goddall. A new deep navy-blue of immense size. Pkt., 15c; oz., 75c.

Mauve and Purple

Helio. Rosy lavender with a bronze suffusion. A striking novelty. Pkt., 15c; 3 pkts. for 40c.

Royal Purple. Rich rosy purple; flowers of immense size. Pkt., 10c; oz., 35c; ¼ lb., \$1.10.

Maroon

Hawlmarm Maroon. A strong grower with large flowers the color of polished mahogany. Pkt., 10c; oz., 50c.

Warrior. Large reddish maroon, with a bronzy tint. Pkt., 10c; oz., 35c; ¼ lb., \$1.10.

Johnson's Double Giant Zinnias

Our special strain of this grand old free and continuous flowering annual produces flowers of colossal size, specimens measuring from 5 to 6 inches across being not unusual. Plants attaining a height of 3 feet and bearing on long stems numerous semiglobular, mostly very double flowers, all of the largest size.

- Giant Golden Yellow

Giant Scarlet

Giant Burnt Orange

Giant Salmon

Giant Flesh
- Giant Sulphur Yellow

Giant White

Giant Violet

Giant Purple

Giant Crimson

Prices of above Zinnias—Pkt., 15c; ¼ oz., 50c; oz., \$1.50.

Collection of a packet of each of the above 10 colors for \$1.10.

One pkt. each of 5 varieties your selection for 60c.

Giant Mixed Colors. Pkt., 10c; ¼ oz., 45c; oz., \$1.10; ¼ lb., \$3.25; lb., \$12.00.

Elegans. This we consider the best Zinnia for general use, forming bushy, compact plants not over 2 feet high, and bearing large perfect double flowers in good clear distinct colors. Fine mixed. \$0.10

Curled and Crested Double. Very bright, handsome flowers with crested and curled petals. Fine varieties. ¼ oz., 40c .15

Johnson's Large-flowering Dwarf Double Zinnias

This we consider the best Zinnia for bedding, forming bushy, compact plants not over 2 feet high, and bearing large perfect double flowers in good clear distinct colors.

Canary. Clear yellow.

Flesh-pink. Delicate shade.

Orange. Rich golden orange.

Scarlet. Very rich.

Salmon Rose. The most popular color of all.

White. Pure white.

Price. Any of the above 10c per pkt., 30c per ¼ oz.

Collection of a packet each of the above 6 sorts, 40c.

Finest Mixed. All colors of the large-flowering dwarf sorts. Per ¼ oz., 25c; oz., 75c \$0.10

Early or Winter-flowering Spencer Sweet Peas

A comparatively new development in Sweet Peas. The Winter-flowering Spencers are now grown almost exclusively for winter bloom and are in great demand by florists. They are equally desirable however, for outdoor planting as they come into bloom two to three weeks ahead of the standard Spencer varieties and, if kept cut, will continue to bloom nearly as long.

	Pkt.	½ oz.	Oz.
Snowflake. Pure white. White-seeded.	\$0.10	\$0.45	\$0.80
Mrs. Spanolin. Black-seeded white.	.10	.40	.75
Songbird. Dainty blush-pink.	.10	.35	.65
Spring Maid. Rose-pink on cream.	.10	.35	.65
Mrs. A. A. Skaach. Lively shell-pink.	.10	.45	.80
Melody. Light rose-pink.	.10	.35	.65
Rose Queen. Glorious, deep rose-pink.	.10	.40	.75
Rose Charm. Bright carmine-rose.	.15	.60	1.00
Zvolanek's Rose. Rich rose.	.15	.60	1.00
Mrs. Kerr. The best rich salmon.	.25	1.10	2.00
Morning Star. Standard orange; wings rosy.	.10	.40	.75
Illumination. Glowing salmon-erise.	.10	.45	.80
Fire King. Dazzling cerise-scarlet.	.10	.45	.80
Aviator. The best crimson-red.	.10	.45	.80
Lavender King. Clear, deep lavender.	.10	.45	.80
Blue Bird. The finest pure mid-blue.	.10	.45	.80
Heatherbell. Rich mauve; extra-large.	.10	.40	.75
Yarrowa. Deep rose and cream.	.10	.35	.65
Columbia. The best "pink and white"	.10	.40	.75
Finest Mixed. Pkt., 10c; oz., 40c; ¼ lb., \$1.25; lb., \$4.50.			



Double Giant Zinnia

Double Lilliput or Pompon Zinnias

A very pretty type of compact habit not over 15 inches high, bearing small densely double flowers on long stems, held well above the foliage.

Canary Yellow. \$0.10

Golden Orange.10

Salmon Rose.10

Scarlet. \$0.10

White.10

Collection of a pkt. each of the 5 colors, 40c.

Finest Mixed. Containing all the colors. ¼ oz., 30c .10

ROSES

The Best Field-Grown Roses for Your Garden

We offer a very select list of Dormant Rose Bushes for outdoor planting in Hybrid Tea, Hybrid Perpetual and Hardy Climbing types. The following varieties, each listed in its class, we can especially recommend for either spring or fall planting.

CULTURAL DIRECTIONS

When the rose beds are prepared, be sure they have good drainage, and that the soil is rich and sweet. Water well after planting. Prune them well; if you do not know how, ask us; we will be glad to tell you the right way. Keep them clean from insects. Bush roses can be set 1½ feet apart, climbing varieties from 4 to 6 feet apart, and standard Roses 3 or more feet apart. Cultivate freely throughout the summer and apply a light top dressing of bone-meal or sheep manure at least once a month throughout the growing season. Just before the ground freezes, in late November, draw the soil up against the plant in the same manner as you would hill up potatoes, and in December, when the ground is thoroughly frozen, cover with leaves, salt hay, or straw.

The stock offered here is good healthy 2-year-old stock, which will give an abundance of bloom the following summer if planted in the fall.

Prices, each 75c; 6 for \$5.50; per doz., \$8.00; 25 for \$15.00; 100 for \$52.00, except where noted.

ALEXANDER HILL GRAY. The long-pointed bud develops into a large, perfectly formed flower of lemon-yellow, shading darker at maturity. Foliage leathery, glossy, disease-resistant.

COLUMBIA. The flowers are large, fully double, bright lively pink, shading darker at maturity; very fragrant.

CRUSADER. Raised also as a greenhouse rose. A rich, velvety crimson flower of large size, slightly fragrant.

DUCHESS OF WELLINGTON. The buds are long; the flowers large, well formed of few petals of intense saffron-yellow, changing to deep coppery yellow as they expand; delightfully fragrant.

GRUSS AN TEPLITZ. Of a rich scarlet shading to a velvety crimson.

HADLEY. A rich crimson, varying to deep velvety crimson. The flowers are well formed and very fragrant.

KAISERIN AUGUSTA VICTORIA. A soft pearly white faintly tinted lemon in the center. Very fragrant.

KILLARNEY. Large, long-pointed buds, opening to large loose blooms of beautiful flesh-color, borne on long strong stems.

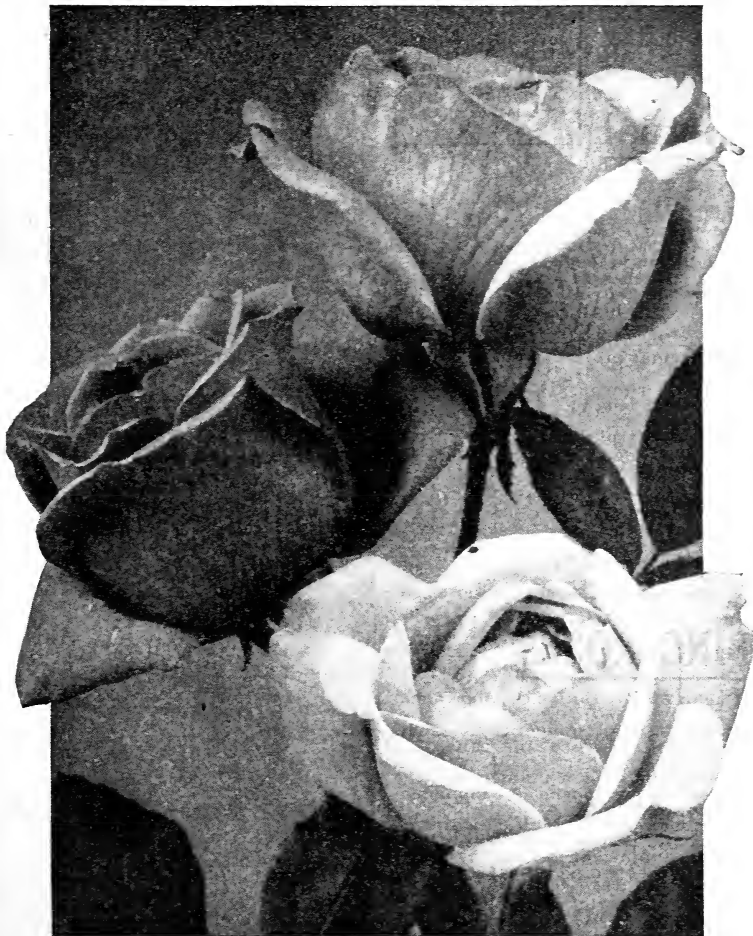
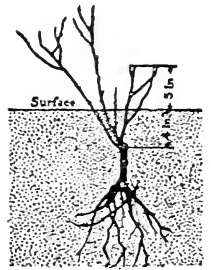
KILLARNEY BRILLIANT. Sport of Killarney. Brilliant pink, almost crimson.

KILLARNEY QUEEN. Another sport of Killarney, with flowers of a somewhat darker, clearer pink than the parent. Blooms large, well formed.

LADY ALICE STANLEY. A very much admired variety on account of its delightful fragrance and free-blooming qualities. A beautiful shade of coral-rose, the inside of the petals shading to flesh-pink, with deeper flushes.

LADY HILLINGDON. Elegant buds of good quality and size, opening into handsome flowers of clear apricot-yellow.

LOS ANGELES. In color a luminous flame-pink, toned with coral and shaded with translucent gold at the base of the petals. The buds are long and pointed and expand into a flower of mammoth proportions. This variety should be carefully protected during the winter. Each, \$1.50; per doz., \$15.00.



The Three Radiance Roses—Radiance (at top), Red Radiance (center, left), and Columbia (lower right), represent a distinct and dependable type of American-bred Hybrid Teas



Los Angeles

Hardy Hybrid Perpetual Roses

The collection offered below will be found excellent.

In pruning Hybrid Perpetuals it is advisable to cut away all weak growth, and if quality of bloom is desired, cut back the strong canes to within 8 or 9 inches of the ground, but if quantity of bloom for garden effect is desired, leave these canes from 2 to 3 feet high, according to their strength.

FRAU KARL DRUSCHKE. Pure white in color, perfect in form, strong grower and remarkably free-flowering.

GENERAL JACQUEMINOT. Brilliant scarlet-crimson.

MAGNA CHARTA. Strong, vigorous grower; bright pink suffused with carmine.

MRS. JOHN LAING. Very free-flowering; soft pink of beautiful form.

PAUL NEYRON. Perhaps the largest of all; dark rose in color.

SOLEIL D'OR (Golden Sun). Color varies from orange-yellow to reddish gold, shaded with nas-turtium-red. Conical-shaped buds opening to large, full, flat-shaped flowers.

ULRICH BRUNNER. A good strong grower with large, full flowers, of a bright cherry-red.

Any of the above, field-grown plants, 75c each; \$8.00 per doz.; \$52.00 per 100.

HARDY CLIMBING ROSES

TWO-YEAR DORMANT PLANTS. Each, 75c; 6 for \$4.00; per doz., \$7.00.

CLIMBING AMERICAN BEAUTY. Large fragrant flowers of a rich carmine color produced in abundance on strong growing canes.

AMERICAN PILLAR. Large single flowers of cherry pink with a clear white eye which surrounds numerous golden stamens.

CRIMSON RAMBLER. Bright crimson flowers borne in immense clusters during June and July. Extra strong.

DOROTHY PERKINS. Countless clusters of double pink flowers of a most beautiful shade. Strong dormant plants.

DR. W. VAN FLEET. Long pointed deep pink buds, which when fully expanded are light pink, gradually deepening to a rich shell pink in the center.

EXCELSA (Red Dorothy Perkins). Brilliant scarlet-crimson flowers of the same type as Dorothy Perkins.

PAUL'S SCARLET CLIMBER. A brilliant, vivid scarlet, which is maintained from bud until the petals fall. Medium in size, semi-double, in clusters of from three to six flowers each, the plants are literally covered with blossoms.

SILVER MOON. Clear silver-white with bright yellow stamens.

ROSES—Cont.

MME. BUTTERFLY. Brilliant pink, suffused apricot and gold. Each, \$1.50; per doz., \$15.00.

MME. CAROLINE TESTOUT. Large, globular flowers of bright satiny rose, with deeper center. Very fragrant.

OPHELIA. Delicate tint of salmon-flesh, shaded rose.

PREMIER. Pure rose-pink in color, of good size and form.

RADIANCE. A brilliant carmine-pink, with salmon pink and yellow shadings at the base of the petals.

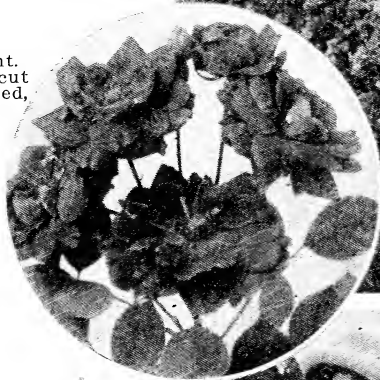
RED RADIANCE. A sport of Radiance carrying all the good qualities of the parent and differing only in the beautiful deep red color of the large globular flowers.

SUNBURST. Intense orange-copper and golden-yellow; buds long and pointed; very brilliant in effect. Each, \$1.25; per doz., \$12.50.

WILLOWMERE. Coral-red in the bud state, opening to a large, rich shrimp-pink, shaded yellow in the center and flushed carmine-pink toward the edges of the petals. Each, \$1.50; per doz., \$15.00.

Book on Roses

"ROSES AND THEIR CULTURE"
A treatise on the propagation, culture and history of the Rose. Illustrated. 128 pages. Bound in cloth only...\$1.50
By mail.... 1.65



Three Fine Hardy Climbers—Top, Dorothy Perkins; Center Oval, Paul's Scarlet Climber; Lower, Excelsa

JOHNSON'S HARDY PERENNIAL PLANTS

The size mentioned in the description indicates the approximate height that the plant may be expected to attain at maturity. The months represent the season of bloom.

Prices of Perennials, except where otherwise noted, 15c each; \$1.50 per doz.; \$10.50 per 100.

ACHILLEA ptarmica, "The Pearl." Small double white flowers in open heads, blooming profusely all summer. 2 feet. 25c each; \$2.50 per doz.

ACONITUM napellus (Monkshood). Dark blue flowers hooded in dense heads from July to September. 3 feet.

Prices of Aconitum on application.

ALYSSUM saxatile compactum (Basket of Gold, Gold Tuft, Rockmadwort). For the rockery or border, 1 foot high, bright yellow flowers. 25c each; \$2.50 per doz., \$18.00 per 100.

ANCHUSA (Dropmore). Beautiful rich blue. 5 to 6 feet. 35c each; \$3.50 per doz.

ANEMONE japonica.

Alba. Flowers pure white, with prominent yellow center. 35c each; \$3.50 per doz.

AQUILEGIA chrysantha (Golden Spurred Columbine). Flowers are a pure golden yellow with long spurs. June to September. 3 feet. 30c each; \$2.50 per doz.

Chrysantha alba. A white-flowering form of above. 30c each; \$2.50 per doz.

Long-spurred Varieties. A selected strain of immense flowers in all the brilliant shades. 30c each; \$2.50 per doz.

ARABIS alpina (Rock Cress). An excellent dwarf plant for rockwork, borders or carpeting where massed color effect is desired, covered during its blooming season with snow-white flowers. 25c each; \$2.50 per doz.

HARDY ASTERS (Michaelmas Daisies). They flower at a time when few hardy plants are in bloom. 25c each; \$2.50 per doz.; \$18.00 per 100.

BLEEDING HEART (Dicentra Spectabilis—Seal Flower). An old-fashioned favorite; its long racemes of graceful heart-shaped pink flowers are always attractive. 50c each; \$5.00 per doz.

BOLTONIA latisquama. Very showy pink flowers, fine for cutting. August and September. 4 to 5 feet. 25c each; \$2.50 per doz.

CAMPANULA (Bluebells).

Media (Canterbury Bells). Separate colors, blue, pink, white and mixed. 25c each; \$2.50 per doz.

Media calycanthema (Giant Cup and Saucer Canterbury Bells). Separate colors, blue, pink, white and mixed. 25c each; \$2.50 per doz.; \$18.00 per 100.

CHRYSANTHEMUMS (Hardy Pompons). All colors. 20c each; \$2.00 per doz.; \$12.00 per 100.

Large Flowered or Shaggy Varieties. All standard varieties and colors. 20c each; \$2.00 per doz.; \$12.00 per 100.

Small Flowered or Button Varieties. 20c each; \$2.00 per doz.; \$12.00 per 100.

COREOPSIS lanceolata grandiflora. Large, showy, bright yellow flowers, produced in the greatest abundance from June till frost. 25c each; \$2.50 per doz.

DAISY, Hardy (Bellis Perennis—English Daisy). Large double-flowering pink and white. 50c per basket.

DELPHINIUMS (Hardy Larkspur).

Belladonna. The freest and most continuous blooming of all. The clear turquoise blue of its flowers is unequalled for delicacy and beauty. 25c each; \$2.50 per doz.; \$18.00 per 100.

Formosum. Best dark blue. 25c each; \$2.50 per doz.; \$18.00 per 100.

DIANTHUS Deltoides (Maiden Pink). A charming creeping variety, with pink flowers. 25c each; \$2.50 per doz.

Alba. White flowering. 25c each; \$2.50 per doz.

DICTAMNUS Fraxinella (Gas Plant). A very showy bordered perennial, forming a bush about 2½ feet in height, having fragrant foliage and spikes of rosy-pink flowers with deeper veins during June and July. Requires a heavy, strong soil, and an open sunny position. 25c each; \$2.50 per doz.

DIGITALIS (Foxglove). Old-fashioned hardy biennial plants with broad foliage and showy flowers, borne on spikes. June and July. 25c each; \$2.50 per doz.

FUNKIA Undulata Variegata (Plantain Lily). Green leaves margined and edged white. 30c each; \$2.75 per doz.

Subcordata Grandiflora. Large white flowers, borne in heads. Foliage green, pointed; sweet scented. 18 inches. August and September. 40c each; \$3.75 per doz.

GAILLARDIA Grandiflora. Color ranging from red to yellow, dark maroon center. 3 feet. June to frost. 25c each; \$2.50 per doz.

GEUM (Avens).

Mrs. Bradshaw. Large double flowers of the brightest scarlet color. 30c each; \$2.50 per doz.

GYPHOPHILA Paniculata (Baby's Breath). Minute white flowers. 25c each; \$2.50 per doz.

HELENIUM Autumnale Superbum. Large yellow flowers. 6 to 7 feet. July to September. 30c each; \$2.50 per doz.

Autumnale Rubrum. A variety of the above with bright terra cotta red flowers. 30c each; \$2.50 per doz.

HELIANTHUS Giganteus (Hardy Sunflowers). Medium sized bright canary-yellow flowers in September and October. 6 feet. 25c each; \$2.50 per doz.

HEMEROCALLIS Flava (Lemon Day Lily). Fragrant yellow flowers in June. 2 feet high. 25c each; \$2.50 per doz.

Fulva (Orange Day Lily). 25c each; \$2.50 per doz.

HIBISCUS, Crimson Eye. Large, white flowers, with a crimson-purple eye. August and September. 6 to 7 feet. 50c each; \$5.50 per doz. Extra large plants.

Militaris. Large, light pink flowers, crimson center. July to September. 5 to 6 feet. 50c each; \$5.50 per doz. Extra large plants.

HOLLYHOCKS (Althea Rosea). Deep cultivation, much manure and frequent watering in dry weather will secure fine spikes. 30c each; \$3.00 per doz.

Double. Flowers form rosettes of lovely shades of yellow, crimson, rose, pink, orange and white. 30c each; \$3.00 per doz.

HONEYSUCKLE, Chinese Evergreen (Woodbine). Red, yellow, crimson, rose, pink, orange and white. 25c each; \$2.50 per doz.

IBERIS Sempervirens (Hardy Candytuft). Pure white flowers. 8 to 10 inches. 25c each; \$2.50 per doz.

JOHNSON'S HARDY PERENNIAL PLANTS—Cont.

Six plants of a variety at dozen rate; 25 at 100 rate.

Prices of Perennials, except where otherwise noted, 15c each; \$1.50 per doz.; \$10.50 per 100.

LIATRIS Pycnostachya (Blazing Star, or Gay Feather). Showy and attractive native plants, succeeding anywhere, producing large spikes of light rosy-purple flowers in July and August. 5 feet. 25c each; \$2.50 per doz.; \$15.00 per 100.

LILY-OF-THE-VALLEY. For outdoor planting in shaded places. Pure white flower bells appear on stems about 8 to 10 inches long in the latter part of May. 25c per doz.; \$2.00 per 100. Stock cannot be shipped after May 15th.

LINUM Perene (Flax). A desirable plant for the border or rockery, growing 2 feet high, with light, graceful foliage and large blue flowers all summer. 25c each; \$2.50 per doz.; \$15.00 per 100.

LOBELIA (Cardinal Flower). 25c each; \$2.50 per doz.

LUPINUS (Lupins). These flower in May and June; are 3 to 4 feet high. In dry weather, water liberally to prolong the bloom.

Polyphyllus. Blue, white and pink. 35c each; \$3.50 per doz.

LYCHNIS (Campion). Lychnis are of the easiest culture, thriving in any soil.

MONARDA Didyma (See Balm). Bright scarlet flowers in terminal heads. July to September. 2 to 3 feet. 25c each; \$2.50 per doz.

MYOSOTIS Alpestris (Alpine Forget-Me-Not). Splendid for beds, borders, and rockeries. 20c each; \$2.00 per doz.

OENOTHERA (Evening Primrose).

Pilgrimi. Large clusters of bright yellow. 18 inches. June to September.

Speciosa. A rare, pure white variety. 18 inches. June to September. 30c each; \$2.50 per doz.

ORNAMENTAL GRASSES. We carry a full line of all varieties. Prices on application.

PENTSTEMON (Beard Tongue). Most desirable perennials for either border or rockery.

Barbatus Torreyi. Spikes of brilliant scarlet; height, 2 to 5 feet; June to August. 30c each; \$3.00 per doz.

PHLOX SUBULATA (Moss or Mountain Pink). An early spring-flowering type. An excellent plant for the rockery, or the border, and invaluable for carpeting the ground or covering graves.

Alba. Pure white. Each 25c; \$2.50 per doz.

Lilacina. Light lilac. Each 25c; \$2.50 per doz.

Rosea. Bright rose. Each 25c; \$2.50 per doz.

HARDY PHLOX, Paniculata. We can furnish all colors and varieties. 25c each; \$2.50 per doz.

PHYSOSTEGIA (False Dragon Head). Forming dense bushes 3 to 4 feet high.

Virginica. Bright, but soft pink. Each 25c; \$2.50 doz.

Alba. Pure white. Each 25c; \$2.50 doz.

PINKS, Hardy Garden (Double).

Elsie. Bright rose with maroon center.

Essex Witch. Delicate pink, finely fringed.

White Reserve. Very double and pure white.

Prices, 25c each; \$2.50 per doz.; \$15.00 per 100.

PLATYCODON (Balloon Flower or Japanese Bell-flower). Flowers from June to October.

Grandiflorum. Deep blue-cupped, star-shaped flowers; 1½ feet. 25c each; \$2.50 per doz.

Album. A white-flowered form of the above. 25c each; \$2.50 per doz.

POPPY, Oriental. Beautiful showy scarlet. 25c each; \$2.50 per doz.

PYRETHRUM Uliginosum (Giant Daisy). Grows 3 to 4 feet high with large white daisy-like flowers, 3 inches in diameter, from July to September. 25c each; \$2.50 per doz.; \$15.00 per 100.

RUDBRECKIA (Golden Glow). Flowers beautiful golden yellow and very double. June till fall. 6 to 8 feet. Each 25c; \$2.50 per doz.

SCABIOSA. The flowers are gigantic measuring frequently 3 inches and more in diameter. Average height, 2½ feet. Very free flowering.

Caucasica (Blue Bonnet). A delicate shade of lavender-blue starting in flower in June and lasting well through the summer. 50c each; \$5.00 per doz.

Caucasica Alba. White. Like the above except in color. 50c each; \$5.00 per doz.

SEDUM or STONE-CROP (Dwarf Sorts). Suitable for the rockery, carpet-bedding, covering of graves, etc.

Acre (Golden Moss). For covering graves; foliage green; flowers bright yellow.

Album. Green foliage, white flowers.

Ewersii. Broad glaucous foliage with purplish-pink flowers in summer; 6 inches.

Sieboldi. Round, succulent, glaucous foliage, bright pink flowers, August and September.

Stahlii. Compact species with crimson-tinted foliage in autumn.

25c each; \$2.50 per doz.; \$15.00 per 100. Set of 9 sorts, \$2.00.

SEDUM Spectabile. Handsome rose-colored flowers in immense heads during late fall. 18 inches. 20c each; \$2.50 per doz.; \$16.00 per 100.

SHASTA DAISY (Alaska). Large, snowy-white flowers, 4 inches across. 25c each; \$2.50 per doz.

STOKESIA (*Laevis*) *Cyanea* (Cornflower Aster). Large, deep blue flowers, from August to October. 25c each; \$2.50 per doz.

Cyanea Alba. Same as above only pure white. 25c each; \$2.50 per doz.

SWEET WILLIAM (*Dianthus Barbatus*).

Newport Pink. Rich salmony-rose. 20c each; \$2.00 per doz.

Bright Scarlet. Effective color. 20c each; \$2.00 per doz.

Pure White. Very large. 20c each; \$2.00 per doz.

Mixed. Containing all colors. 20c each; \$2.00 per doz.

TRITOMA Pfitzeri (Red Hot Poker, Flame Flower, or Torch Lily). Color a rich brilliant orange; medium height; summer till fall. 35c each; \$3.50 per doz.

VALERIANA Officinalis (Hardy Garden Heliotrope). Old-fashioned garden Heliotrope, lavender flowers. June and July. 4 feet. 25c each; \$2.50 per doz.

VERONICA (Speedwell). The speedwells are mostly natives of New Zealand, flowers being of a blue shade, varying to rose and dull white. One foot. July to August. 25c each; \$2.50 per doz.; \$18.00 per 100.

YUCCA (Adams Needle). The tall flower-spikes rise 4 to 5 feet, with cream-white, bell-shaped, drooping flowers in July and August.

Filamentosa. White, with reflexed flower bells. Extra strong plants. 30c each; \$2.50 per doz.; \$20.00 per 100.

Hardy Water Lilies—Nymphaea

ODORATA. The fragrant Pond Lily of the north-eastern United States; flowers white, 3 to 5 inches in diameter, stamens yellow; leaves dark green above, under surface deep red to reddish green; splendidly adapted for planting in quantity in natural ponds. Each, \$1.00; doz., \$9.50.

MARLIACEA OHRMACELLA. Petals and stamens bright yellow, 4 to 6 inches across. A very strong, free and continuous bloomer. Each, \$2.50.

TUBEROSA ROSEA. Flowers an exquisite shade of pink. A vigorous grower, of the easiest culture. Each, \$1.50.

Hardy Perennial Vines

	Each	Doz.
BOSTON IVY	\$1.00	\$10.00
CLEMATIS, Paniculata, White.....	.50	4.50
<i>Jackmani</i> , Purple.....	1.00	
DUTCHMAN'S PIPE	1.00	
HONEYSUCKLE.....	.40	4.00
MYRTLE.....	.30	3.00
PACHYSANDRA.....	.35	3.00
POLYGONUM	1.50	13.50
WISTARIA.....	.75	7.00

HARDY ORNAMENTAL SHRUBS FOR SPRING PLANTING

Almond—Double Flowering

See PRUNUS.

Althea, Hibiscus Syriacus (Rose of Sharon)

Admiral Dewey. Double, pure white.**Duc de Brabant.** Double red.**Paeonaeiflora.** Double, clear pink.**Variegata.** Variegated leaved; a dwarf variety with

leaves margined silvery-white.

Prices of above four varieties:	Each	Doz.
2 feet.....	\$0.75	\$ 6.00
3 feet.....	1.00	10.00
4 feet.....	1.25	12.50

Buddleia (Summer Lilac or Butterfly Bush)

Variabilis Veitchiana. 2 year, 75c each.

Deutzia

Scabra Watereri. Beautiful single pink. Flowers in June.**Gracilis.** Slender, often arching branches. Low, dense, globular habit; flowers pure white in racemes.**Lemoinei.** A vigorous grower and excellent for forcing; early bloomer; panicles of pure white flowers. Blooms in May and June.

Prices of above varieties:	Each	Doz.
2 to 3 feet.....	\$0.90	\$8.50
1 to 1½ feet.....	.60	6.00

Dogwood (Cornus)

Cornus Alba Sibirica (Siberian Dogwood). A strong growing variety, crimson colored branches in winter. 90c each.**Florida** (White-flowering Dogwood). White flowers in spring and rich crimson foliage in autumn. Plants, 4 to 5 feet high, \$1.25 each.**Rubra** (Red-flowering Dogwood). Flowers rich rosy red. Plants, 2 to 3 feet high. \$1.50 each.**Sanguinea** (Red-twigged Dogwood). Crimson colored branches; especially attractive in winter. 80c each.

Crab (Bechtel Double Flowering)

Shapely, compact tree with clusters of double, soft pink, fragrant flowers. 4 to 5 ft., extra fine, \$2.00; 5 to 6 ft., \$3.50 to \$5.00; 6 to 7 ft., \$6.00 to \$8.00; 7 to 8 ft., \$8.00 to \$10.00.

Euonymus (Strawberry or Burning Bush)

Alatus (Winged Burning Bush). 2 to 3 ft., extra bushy, \$1.75; balled and burlapped, 5 to 6 ft., \$5.00 to \$7.00; 6 to 8 ft., \$8.00 to \$10.00.

Forsythia

Suspensa (Weeping Golden Bell). Long, graceful branches drooping to the ground with handsome yellow trumpet-shaped flowers in April.**Suspensa Fortunei** (Golden Bell). Before any tree or shrub shows a leaf they burst into glorious masses of golden yellow, drooping flowers.

Prices of above varieties:	Each	Doz.
2 to 3 feet.....	\$0.75	\$7.50

Halesia

Halesia Tetraptera (Silver Bell or Snowdrop Tree). One of the most desirable tall shrubs, with pretty bell-shaped snowdrop-like white flowers in May. \$1.25 each.

Hydrangea

Paniculata. Larger growing bush than the well known *Grandiflora*, and blooms a month later; buds do not all open. Height, 12 feet. 2-ft. plants 90c each; \$9.00 per doz.**Paniculata Grandiflora.** The well known hardy Hydrangea. Pure white when opening, but later of a purplish-pink. \$1.00 each; \$10.00 per doz.

Japanese Quince (Cydonia Japonica)

A shrub with spreading spiny branches. Glossy leaves; flowers deep scarlet, in clusters. Quince-shaped, golden yellow fruit. 3 feet. \$1.50 each.

Lilacs (Common Varieties)

Purple, White, Persian, White Persian. 2 feet. 75c each; \$6.50 per doz.**Villosa** (*S. Villosa*). Color light pink. Valuable for late blooming. 2 feet. 75c each; \$6.50 per doz.

Lonicera (Bush Honeysuckle)

Morrowi (Japanese Bush Honeysuckle). 2 to 3 ft., 75c; 4 to 5 ft., specimens, \$1.25.

Prunus

Prunus Japonica fl. pl. (Double-flowering Almond).

Dwarf Shrub, producing showy double flowers early in May. We can supply both white and pink.

Plants, 2 to 3 feet high, \$1.00 each.

Pissardi (Purple-leaved Plum). A dwarf Shrub, covered with single white flowers in spring; leaves are a lustrous crimson, changing to a rich purple. Plants, 3 to 4 feet high, \$1.00 each.

Sambucus (Elder)

Sambucus Nigra Aurea (Golden Elder). One of the best yellow foliage Shrubs; color is remarkably bright. 75c each.

Spirea

Anthony Waterer. Flowers scarlet-crimson, blooming profusely from June to October. Strong plants. 2 feet. 1 ft., 75c each; \$6.50 per doz. 1½ ft., \$1.00 each; \$9.00 per doz.**Bridal Wreath** (*S. Prunifolia*). Flowers double, white and very abundant. May. 4 feet. 2 ft., 75c each; \$7.50 per doz.**St. Peter's Wreath** (*S. Van Houttei*). It forms a round and graceful bush, with arching branches, which in June have beautiful white blossoms. 2 ft., 60c each; \$6.50 per doz. 3 ft., 75c each; \$7.50 per doz.

Symphoricarpos

The Coralberry, Indian Currant and Snowberry

Racemosus (Snowberry). 2 to 3 ft., 75c.**Vulgaris** (Coralberry or Indian Currant). 2 to 3 ft., 35c; 3 to 4 ft., bushy, \$1.00.

Syringa (Philadelphus)

Golden (*P. Coronarius Foliis Aureis*). A graceful variety, with bright yellow foliage. Height, 5 feet. 1½ ft., \$1.25 each; \$12.00 per doz.**Mock Orange** (*P. Coronarius*). Shrub with upright branches; pure white, fragrant flowers are produced in clusters in June; foliage dark green. 6 feet. 3 ft., 75c each; \$7.50 per doz.**Large-flowered Mock Orange** (*P. Grandiflora*). A vigorous, upright variety, with large showy flowers in June; it grows rapidly. Height 12 feet. 3 ft., 75c each; \$7.50 per doz.

Tamarix

Tamarix Hispida Aestivalis. Delicate soft pink flowers in July and August. 75c each.**Indica.** Very strong-growing, with feathery plumes of pale pink flowers in late summer and autumn. 75c each.

Viburnum (Snowball)

European High Bush Cranberry (*V. Opulus*). Red berries resembling cranberries remain until early winter. Height, 12 feet. 2 ft., 75c; 3 ft., \$1.00; 4 ft., \$1.25 each.

Weigela

Candida. Flowers pure white. Height, 8 feet. 3 ft., \$1.00 each; \$10.00 per doz.**Rosea.** Pink flowers in June. Height, 6 feet. 2 ft., 55c each; \$8.50 per doz.

Hedge Plants

PRIVET, California (*Ovalifolium*). Plant 10 to 15 inches apart in double rows, alternating the plants. 18 to 24 inches high, 2-yr. plants, \$6.50 per 100; \$60.00 per 1000.**BARBERRY, Berberis Thunbergi.** Of low, dense growth. Requires but little pruning. Leaves bright green. The branches in the fall are covered with bright red berries. Plant 8 to 12 inches apart in single rows. 12 to 18 inches high; heavy, 55c each; \$5.50 per doz.; \$42.00 per 100. 18 to 24 inches high, heavy, 95c each; \$7.50 per doz.; \$55.00 per 100.

Johnson's Superb Named Gladioli

This is one of the best of the Summer-flowering bulbs. It is a flower anyone can grow, and is lovely enough to satisfy the most exacting. There is no limit to the range of color—pink, scarlet, crimson, yellow, white and a host of other colors.

Nothing is finer for vases than a bunch of Gladioli. The flowers will last for days, and the buds develop into blossoms after being cut.

Write for prices on Gladioli in lots of one thousand or more. We will carry in stock many varieties which we have not room to describe here.

GLADIOLUS CULTURE. Free on request, with any order.

AMERICA. Beautiful soft pink. The individual flowers are very large and massive. **Doz., 60c; 100, \$4.00.**

ANNA EBERIUS. Dark velvety plum rose, throat deeper shade. **Each, 20c; doz., \$1.50; 100, \$14.00.**

AUGUSTA. One of the most popular varieties for cutting. **Doz., 75c; 100, \$5.00.**

BARON HULOT (Blue King). Good sized flower, well arranged on straight spikes. Dark violet bordering on blue. **Each, 15c; doz., \$1.25; 100, \$9.00.**

CHICAGO WHITE. Pure white with crimson carmine on midribs of three lower petals. **Each, 10c; doz., \$1.00; 100, \$6.00.**

EVELYN KIRTLAND. Beautiful shade of rosy-pink, darker at the edges, fading to shell-pink at center, with brilliant scarlet blotches on lower petals. **Each, 15c; Doz., \$1.50; 100, \$10.00.**

FLORA. Beautiful deep golden-yellow. **Each, 20c; doz., \$2.00; 100, \$15.00.**

HALLEY. Delicate salmon pink, with a slight rosy tinge. Lower petals have a creamy blotch with a bright red stripe in center. **Each, 10c; doz., \$1.00; 100, \$6.00.**

HERADA. Blooms of immense size on tall straight spikes. Color, pure mauve, glistening and clear. **Each, 20c; doz., \$2.00; 100, \$15.00.**

KUNDERDI GLORY. A delicate cream pink, each lower petal having an attractive crimson stripe through the center. Prettily ruffled and fluted. **Each, 15c; doz., \$1.50; 100, \$10.00.**

L'IMMACULEE. Pure white. **Each, 15c; doz., \$1.50; 100, \$10.00.**

LE MARECHAL FOCH. Very delicate pink with enormous wide open flowers—very early. **Each, 15c; doz., \$1.50; 100, \$10.00.**

LOVELINESS. A clear creamy white, slightly suffused, apricot in the throat. **Each, 20c; doz., \$1.75; 100, \$14.00.**

MRS. DR. NORTON. White, the edges suffused with soft La France pink. **Each, 25c; doz., \$2.50.**

WILLY WIGWAM. Blush white, dark blotch, fine form. **Each, 10c; doz., \$1.00; 100, \$8.00.**

JOHNSON'S BLUE RIBBON MIXTURE. Wonderful colorings are to be found in this assortment of varieties made up from the choice named sorts we list. We believe the mixture is unexcelled. All are of the best blooming size and are first quality bulbs in every respect. We cannot recommend it too highly. **Doz., 60c; 100, \$4.50; 1000, \$40.00.**

New and Rare Primulinus Hybrids

Primulinus Hybrids are distinguished mainly for their fine and various shades of yellow, orange, and saffron tones. The flowers are borne on graceful stems and when cut are of splendid decorative value.

ALICE TIPLADY. A grand, large Primulinus of the most beautiful orange saffron. Very choice. **Each, 25c; doz., \$1.50; 100, \$10.00.**

MAIDEN'S BLUSH (Hybrid). Exquisite blush-pink; flowers finely formed on long straight stems. **Each, 15c; doz., \$1.50; 100, \$10.00.**

SOUVENIR (Hybrid). Pure canary-yellow; early, good forcer. **Each, 30c; doz., \$3.00; 100, \$20.00.**

PRIMULINUS HYBRIDS. Most pleasing self colors that vary from pale yellow to bright salmon, apricot, and light scarlet. These graceful flowers are of medium size, of a distinct hooded style and with prominent veinings on the petals. Mixed colors only. **Doz., \$5c; 100, \$6.00; 1000, \$55.00.**



MRS. FRANCIS KING. Its color is a light scarlet, very large flowers, usually measuring from 2½ to 4 inches in diameter. **Each, 10c; doz., 75c; 100, \$5.00.**

MRS. FRANK PENDLETON. Salmon pink with a very conspicuous blood-red blotch in the throat on the lower petals. Very strong, growing from four to six feet. **Each, 15c; doz., \$1.25; 100, \$7.50.**

NIAGARA. A delightful cream shade with the two lower inside petals or segments blending to canary yellow. **Each, 10c; doz., \$1.00; 100, \$8.00.**

PANAMA. Improvement on the original America, being a somewhat deeper pink. **Each, 10c; doz., \$1.00; 100, \$8.00.**

PEACE. A beautiful white, while interior petals are feathered pale lilac. **Each, 15c; doz., \$1.25; 100, \$9.00.**

PINK PERFECTION. Beautiful shade of apple blossom pink. **Each, 20c; doz., \$1.75; 100, \$12.00.**

PRINCE OF WALES. Delicate salmon rose. **Each, 15c; doz., \$1.50.**

PRINCEPS. Brilliant scarlet-crimson, white blotch on lower petals. **Each, 15c; doz., \$1.50; 100, \$10.00.**

SCHWABEN. The flowers are a pure canary yellow, shading to a sort of sulphur yellow when opening. **Each, 15c; doz., \$1.25; 100, \$8.00.**

SULPHUR KING. It produces a very long spike of beautiful clear sulphur yellow. **Each, 25c; doz., \$2.50.**

WAR. Deep blood-red shaded crimson-black; very tall and conspicuous. Try it. **Each, 15c; doz., \$1.25; 100, \$9.00.**

DAHLIAS

We have selected the best of each class. Price quoted includes free delivery. Because one Dahlia costs a great deal more than another, does not necessarily mean that it is a better Dahlia, but that it is scarcer. Some of the finest Dahlias are low-priced because they are plentiful.

We offer the following very carefully selected list of Dahlias. After careful trials by a Dahlia expert, we are sure all will be found highly satisfactory in every respect.

Cactus Type

ATTRACTION. Entirely distinct. Immense formal flowers with broad petals coming abruptly to a point; color a beautiful lilac-mauve. 75c each; 6 for \$4.00.

COUNTESS OF LONSDALE. A pleasing blending of salmon-pink and amber, a color difficult to describe. Each, 30c; doz., \$3.00.

KALIF. Color vivid turkey red. 50c each; \$4.50 per doz.

LAWINE. Pure white, with a suggestion of blush at center. 25c each; \$2.50 per doz.

STANDARD BEARER. Bright pure scarlet. Flowers large, thick and full to center; of symmetrical and perfectly round form, petals semi-quilled. 35c each; \$3.00 per doz.

SEQUOIA. Large, golden bronze; fine form, long stiff stems. Each, 35c; doz., \$3.00.

Show Type

MRS. WELLESLEY. Creamy white, heavily tipped solferino and crimson. Each, 25c; doz., \$2.50.

MAUDE ADAMS. Very dainty; white, with a slight lavender suffusion. Each, 35c; doz., \$3.50.

A. D. LIVONI. Warm, rose-pink; perfect flowers, with quilled petals which nearly overlap at the ends. Each, 25c; doz., \$2.50.

CUBAN GIANT (Giant). Flowers 6 to 7 inches in diameter, dark, glowing crimson-shaded maroon. Each, 30c; doz., \$3.00.

PURPLE PENELOPE. Fine purple Penelope (variegated). Each, 25c; doz., \$2.50.

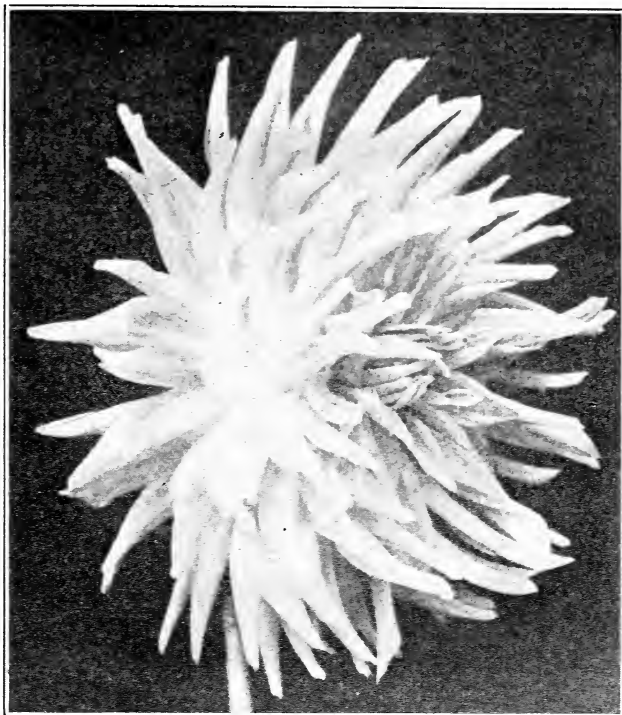
RED HUSSAR. Tall, bushy, upright; a handsome landscape variety. Of rigidly formal show type; its medium sized flowers gleam like rubies at pleasing intervals, above a setting of very dark green, crinkled foliage; unrivalled among its fellows. Each, 25c; doz., \$2.50.

C. W. BRUTON. Clear yellow, large flower; sturdy habit. Each, 25c; doz., \$2.50.

PRINCESS VICTORIA. Large, round, fully quilled flowers of perfect form and soft, rich yellow color. Each, 25c; doz., \$2.50.

SNOWBALL. Blush white, bell-shaped, borne on strong stem. Each, 35c; doz., \$3.00.

VARIEGATED RED AND YELLOW. Name speaks for itself. Each, 20c; doz., \$2.00.



Cactus Dahlia—"Attraction"

Decorative Type

JACK ROSE. Brilliant crimson red, similar in shade to the popular "Jack" Rose. Each, 35c; doz., \$3.00.

DELICE. A warm tone of lilaceous pink, overlaid with white. Each, 25c; doz., \$2.50.

HENRY PATRICK. Very fine white, tall growing, profuse flowerer. Each, 50c.

BONNIE BLUE. The nearest approach to a blue Dahlia. Each, 50c; doz., \$4.50.

ELDORADO. Rich yellow. Each, 30c; doz., \$3.00.

EVENTIDE. A white Dahlia with faint flush of delicate rose on the edge of the flower. Each, 50c; doz., \$5.00.

THOMPSON. Very large, full petaled, somewhat recurved; brilliant scarlet. Each, 25c; doz., \$2.50.

WILLIAM AGNEW. Rich, dazzling carmine-red. Each, 35c; doz., \$3.00.

SYLVIA. Soft, pleasing mauve-pink, changing to white in the center; a fine cut flower. Each, 35c; doz., \$3.00.

REMINGTON. A fine shade of light pink; free bloomer. Each, 25c; doz., \$2.50.

BLACK BEAUTY. Very deep maroon, nearly black. Each, 35c; doz., \$3.00.

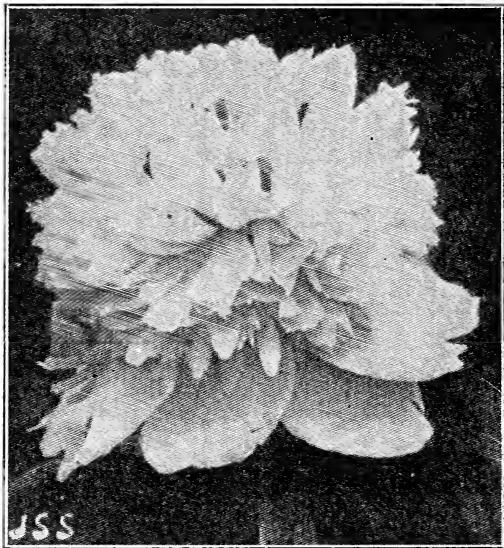
Single Type

WILD FIRE. Growth tall and compact, with ornamental foliage. Flowers are round and close petaled, of fair size; intense scarlet touched at center with gold. Each, 20c; doz., \$2.00.

FRINGED PINK CENTURY. Bright pink single flowers of good size, petals charmingly fringed. Each, 50c; doz., \$5.00.

HERBACEOUS PEONIES

Plant in good deep, rich soil so that the crown of the plant is about 2 inches below surface. Mailing weight, 16 ounces each root.



Double Herbaceous Peony

Johnson's Excelsior Double Pearl

TUBEROSES

Plant in open ground after the first day of May. If started in pots and then transplanted to open ground can be had much earlier. Mailing weight: 1 lb. per doz., 5 lbs. per 100. Parcel Post Rates, see page 3.

MAMMOTH BULBS

Mammoth Excelsior Dwarf Pearl Tuberoses. This mammoth strain is positively the highest type of Tuberoses. The kind to grow if you desire prize blooms. Prices: 15c each; \$1.50 per doz.; \$8.00 per 100.

First Size Bulbs. These are choice, selected stock, free flowering, which are borne on long stout stems. Prices: 10c each; \$1.00 per doz.; \$7.00 per 100.

Caladiums

Esculentum (Elephant-ear). Unequaled as a foliage plant. The leaves are shield-shaped, bright green, often measuring 3 feet or more in length and breadth. Need very rich soil and an abundance of water. **Extra Large.** 11 to 12 inches in circumference. 40c each; \$4.00 per doz. **First Size.** 9 to 11 inches in circumference. 30c each; \$2.75 per doz.; \$17.50 per 100. **Second Size.** 7 to 9 inches in circumference. 15c each; \$1.50 per doz.; \$10.50 per 100. **Third Size.** 5 to 7 inches in circumference. 10c each; 90c per doz.; \$7.50 per 100.

Cinnamon Vine

Hardy climber with dark green foliage, and bearing a profusion of small white flowers of delicious fragrance. 15c each; \$1.50 per doz.

Madeira Vine

A rapid-growing climber, bearing graceful racemes of fragrant white flowers; of great value for covering porches and arbors. 15c each; \$1.50 per doz.

Albatre. Large, compact, globular rose type. Petals edged milk-white with the fine line of lilac. Strong grower and free bloomer. \$1.00 each; \$10.00 per doz.
Dorchester. Large, compact rose type; pale pink; fragrant. Free bloomer. Dwarf. 75c each; \$7.50 per doz.
Duchesse de Nemours. Medium size. Sulphur-white. Free bloomer and strong grower. 75c each; \$7.00 per doz.
Eduilis Superba. Deep rose-pink with lighter shadings. The earliest variety in our collection. 75c each; \$7.50 per doz.

Eugenie Verdier. Pale hydrangea-pink flecked with crimson. \$1.25 each; \$12.00 per doz.

Felix Crousse. Large; globular; brilliant red. Free bloomer. One of the best red Peonies. \$1.00 each; \$10.00 per doz.

Festiva Maxima. Very large; white. Vigorous grower. One of the best whites. 75c each; \$7.50 per doz.

Golden Harvest. Peach-blossom pink with creamy-white center. \$1.00 each; \$10.00 per doz.

Jeanne d'Arc. A choice variety notable for the exquisite perfume and other good cutting qualities. Guards pale lilac-pink, with full tufted center of sulphur-white. \$1.00 each; \$7.50 per doz.

La Tulipe. Very large globular flesh-pink, shading to ivory-white; center petals tipped carmine. \$1.00 each; \$10.00 per doz.

Mme. de Verneville. Broad sulphur-white guard petals and compact white center; touched carmine. \$1.00 each; \$10.00 per doz.

Mme. Ducl. A very perfectly formed globular flower of a bright silvery pink, with salmon shadings and silvery reflex. \$1.00 each; \$10.00 per doz.

Mlle. Leonie Calot. Delicate rose with lilac-pink center. Good grower. Medium tall. 75c each; \$7.50 per doz.

Richardson's Rubra Superba. Deep carmine or crimson. Fragrant. Good grower. Very late. \$1.00 each; \$10.00 per doz.

Large Flowering Cannas

Canna tubers should not be put into the ground until the soil has become warm. They commence blooming in June and continue until late in September. Every shoot bears a flower, and these shoots are being constantly produced throughout the season.

All varieties, except where noted, 15c each; \$1.50 per doz.; \$12.00 per 100. Mailing weight, 3 oz. each; 2 lbs., per doz.

ALLEMANIA. Rich red, yellow border. Height 5 feet.

CANDELABRA. A fine new variety. 4 ft. Three to five flower branches on each stalk at one time is the average, and every single branch is ablaze with a torch-like flame of orange-scarlet bloom. 50c each; \$4.00 per doz.

CITY OF PORTLAND. 3½ feet. Distinct among the several really worth-while pink Cannas. A deep pink which does not fade during the hot weather. A free bloomer, with flowers borne well above the foliage. 30c each; \$3.00 per doz., \$18.00 per 100.

DUKE OF MARLBORO. An attractive deep brilliant crimson. 4 feet.

EUREKA. The best white for massing, very free and of fine habit. 4½ feet. 20c each; \$2.00 per doz.; per 100, \$16.00.

KING HUMBERT. Bronze foliage. Flowers of a brilliant orange-scarlet, with bright red markings. 5 feet.

YELLOW KING HUMBERT. Foliage dark green. Flowers a deep rich yellow, spotted and blotched with bright red.

KING MIDAS. 5 ft. Very large flowers of glittering gamboge-yellow. An outstanding variety, making glorious trusses on stems as straight as an arrow. A true Canna aristocrat. 75c each; \$6.00 per doz.

MADAME CROZY. Vermilion with gold border, 3½ feet.

QUEEN CHARLOTTE. Rich pomegranate-red, bordered with golden yellow. 3 feet.

KARL MERCK. Beautiful golden yellow. 4½ feet.

WABASH. Rosy-pink flowers. Foliage rich reddish-bronze. 4 feet. 35c each; \$3.50 per doz.; per 100, \$25.00.

VENUS. Color soft rosy-pink, with a mottled border of creamy-yellow. 4 feet.

WINTZER'S COLOSSAL. 5 feet. The largest-flowered Canna. Vivid scarlet.

WYOMING. Brilliant orange. Purplish-bronze foliage. 6 feet.

JOHNSON'S SELECT SMALL FRUITS

At the prices we quote we do not guarantee nursery stock, and will make no replacements. We deliver stock in good condition, and therefore cannot be responsible for improper planting nor adverse growing conditions.

Five Luscious Strawberries

A selection of perfect flowering, well-tried standard sorts, which combine in the highest degree all the qualities looked for in high-grade berries, and no amateur will go wrong in limiting his plantings to the sorts here offered.

Big Joe (Mid-season). The plant is unusually vigorous; the fruit is large, of exquisite flavor, and produced freely on strong stems held well above the ground.

Gandy's Prize (Late). The standard late variety, which has held its own for many years. The berries are borne on long, strong stalks, well above the ground.

Premier (Very Early). The berries are large, beautifully formed and bright red all the way through.

Senator Dunlap (Mid-season). The fruit is bright red with a glossy finish shading to a deep scarlet on the underside.

William Belt (Early). The plant is a vigorous grower, succeeds upon almost all soils, invariably yields heavily, and the berries are always of large size and highest quality, its flesh is solid and deep crimson in color.

Price: Any of the above varieties in strong layer plants. 35c per doz.; \$2.00 per 100; \$15.00 per 1000.

Autumn-Fruiting or Everbearing

The Everbearing Strawberries have now become just as important a part of the garden as the standard early fruiting varieties.

Price: Either of the Everbearing varieties, 50c per doz.; \$2.50 per 100; \$20.00 per 1000.

Progressive. The most prolific fruiting of this type; berries of fair size and produced in great abundance; they are of an attractive deep, glossy crimson color and of good flavor.

Superb. The fruit is very large, glossy dark red color, particularly firm and of choicest quality. The Superb is the largest Fall Strawberry.

The Strawberry plants offered on this page are Layer Plants, and are for Spring Delivery. Pot-grown Plants will be ready in August.

Five Best Hardy Grapes

Catawba. Red, sweet and rich, with pleasant musky flavor.

Concord. The most popular black grape; succeeds everywhere.

Moore's Diamond. Greenish white, with rich yellow tinge.

Moore's Early. Large, black; good quality.

Niagara. Berries large, light greenish-white; slightly ambered.

Price: Strong, selected two-year-old vines, 50c each; \$5.00 per doz.; \$35.00 per 100.

Currants

Black Naples. Large black for preserves.

Cherry. Large, red, popular sort.

Fay's Prolific. Largest and finest red.

Perfection (New). Color, red; larger than Fay and Cherry. 45c each; \$4.50 per doz.; \$34.00 per 100.

Price: 40c each; \$4.00 per doz.; \$30.00 per 100, except where noted.

Blackberries

Blackberries respond generally to good treatment. They prefer a deep soil, inclining to sand, but will grow and fruit almost anywhere.

El Dorado. One of the best, large, sweet and tender; very hardy.

Snyder. One of the oldest and still one of the most popular.

Price: \$1.00 per doz.; \$7.00 per 100; \$60.00 per 1000.

Raspberries

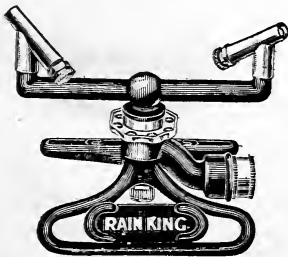
Raspberries will succeed in any soil that will grow good corn. For best results the old wood should be cut just as soon as the crop has been gathered.

Cumberland. A large black cap of exceedingly fine quality.

Cuthbert. Large, deep, rich crimson.

Price: \$1.00 per doz.; \$7.00 per 100; \$60.00 per 1000.

LAWN SPRINKLERS AND NOZZLES



STANDARD RAIN KING. Waters the largest lawns or the smallest corners, strips, and odd shaped places. Sprinkles in two directions at once or concentrates wherever water is wanted. Gives a gentle mist, a soaking downpour or light shower—all at instant command. Weight, 3 lbs. Price, each, \$3.50; postpaid, \$3.75.

GIANT RAIN KING. This is the Giant among Sprinklers, both for build and performance.



Giant Rain King

Quality-built like Standard Rain King, but with 4 sprinkler arms. Beautifully finished in green enamel with attractive brass fittings. Weight, 19 lbs. Price, each, \$12.50.

ALLEN SPRAY NOZZLE



ALLEN NOZZLE. Heavy cast brass nozzle giving spray, straight stream, and positive shut-off. Spray formed in barrel of nozzle and full circle—spray guaranteed. Mailing weight, 1 lb. Each, \$1.00.



RAIN KING HOSE NOZZLE. This is the only hose nozzle without moving parts to wear, clog, or give trouble. The different sprays are obtained by a new and unique principle. Weight, 10 oz. Price, each, \$1.50; postpaid, \$1.65.

Miscellaneous Garden Requisites

APRONS, GARDENERS' RUBBER. Heavy, \$2.50.
Lighter weight rubber (1 lb.), \$1.25.



ASPARAGUS KNIFE or LAWN WEEDER. Drop forged blade. Birch handle, 15 inches long. Weight, 1 lb. Each, 65c.

BELLOWS.

Sulphur. For applying sulphur, Hellebore, etc., to plants. Price, \$4.00.

Woodason's Double Cone Powder. For dusting plants with dry powders for insects and fungus. The best article ever invented for destroying insects in the conservatory, garden, orchard or field. Price, \$6.75.

Woodason's Single Cone. Large size, Price, \$4.75; small size (for conservatory and home use). Price, \$3.50.

DIBBLE. Iron handle; steel point. Each, 75c; 5 or more at 65c.

FLOWER POTS. (See Pots.)

FORKS, POTATO DIGGING or MANURE DRAG. 4 tines. Each, \$1.50.

FORKS, MANURE. Strapped ferrules. 6 tines. Each, \$2.25.



Potato Fork or
Manure Drag



FORKS, SPADING. All steel with strapped ferrules. Each, \$2.00.

GARDEN LINE. White, glazed. Superior to Italian Hemp garden line. 48 feet weighs 6 ounces. 48 feet, 75c.

GARDEN LINE REELS. With Stake. \$2.50.

GLASS CUTTER. No. 1, Turret Head, Tested. (4 oz.) Each, 50c.

GLASS CUTTER. Red devil. Each, 25c postpaid.

"PEERLESS" GLAZING POINT. (Improved Van Reyper.) Price, per 1,000, 75c; postpaid, 90c. 5,000, \$3.50, by express.

GRAFTING WAX. ¼ lb., 30c; ½ lb., 45c; 1 lb., 65c.

GRASS EDGER, AMERICAN. 9-inch blade, \$1.50.

HANGING BASKETS. Galvanized wire. 8 inch, 35c; 10 inch, 45c; 12 inch, 60c; 14 inch, 75c; 16 inch, 85c.

HOE

Seuffle or Push Hoe with handle. American. 9 and 10 inch, 90c; 7 and 8 inch, 75c; 6 inch.... 70

Warren. Heartshaped Hoe; 5 foot handle..... 1.25

HOTBED SASH. Unglazed. Four rows glass 8x10 inches square. Each, \$3.50. Cypress, knock down, five for \$17.00.



Pruning Knife



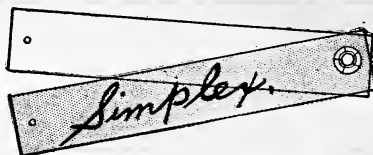
Pruning Knife

KNIVES, BUDDING. Saynor's. One blade straight or curved. Each, \$4.25.

KNIVES, PRUNING. Field's Staghorn handle.- Each, \$2.75.

KNIVES, PRUNING. Ivory handle. Each, \$1.00.

KNIVES, PROPAGATING. Ivory handle. Each, \$1.00.



PLANT AND POT LABELS. Mark your plants and know the particulars about them.

Simplex. Slide transparent cover to one side, mark with ordinary lead pencil. Replace cover, pass wire through both holes and attach.

Including Copper Wires for Attaching:

	Doz.	100
No. 1—3x½ inches.....	\$0.35	\$2.50
No. 2—4x¾ inches.....	.75	4.50

Pot Labels

Pot Labels.

Wooden.

Painted

	100	1000
4 in..	\$0.40	\$2.00
5 in..	.50	2.75
6 in..	.60	3.25

Garden Labels.

	100	1000
8 in.....	\$1.50	\$9.00
10 in.....	2.20	12.00
12 in.....	3.00	16.00

Tree Labels.

	Wooden, 3½ in.,	100	1000
copper wired.....		\$0.60	\$3.25

MASTICA. For glazing greenhouses, hotbeds, sash, etc., better than putty, does not crack, always remains soft. Per gallon, \$2.75.

MASTICA MACHINE. For applying above. (Weight, 1½ pounds). Each, \$3.00.

MOSS, LOG, GREEN. Per bag, \$3.00.

MOSS, SPHAGNUM, DRIED. Bale, \$3.00; 5 bales, \$13.75.

MOLE TRAP, THE REDDICK. A powerful trap used principally on lawns; easily set. Made of galvanized iron. It will catch moles when they are quite deep in the ground. As the points of the pins are constantly in the ground, they cannot injure domestic animals. Each, \$1.25; per doz., \$11.00.

OSMUNDINE FIBRE. Used for potting Orchids. Per bag, \$3.50.

PAPER, for Wrapping Flowers.

	Lb.	Ream
Plain White Tissue, 24x36.....	\$0.30	\$2.50
White Wax, 24x36.....	.35	4.00
Green Wax, 24x36.....	.40	4.25



Clay Flower Pot



Rubber Saucer

Flower Pots and Saucers



Neponset
Paper Pot

CLAY FLOWER POTS. Prices for Standard, Low or Azalea Styles.

Size	Each	Doz.	100	1000
2 inch..	\$0.05	\$ 0.35	\$ 1.75	\$ 14.25
2½ inch..	.05	.40	2.00	18.00
3 inch..	.05	.50	2.75	25.00
4 inch..	.07	.70	5.00	35.00
5 inch..	.10	1.10	7.50	66.00
6 inch..	.20	1.60	11.00	100.00
7 inch..	.25	2.75	18.00	.....
8 inch..	.40	3.75	25.00	.....
9 inch..	.60	5.50	40.50	.....
10 inch..	.75	7.50	65.00	.....
12 inch..	1.50	15.00	.....	.....

CLAY SAUCERS

Size	Each	Doz.	100
4 inch	\$0.05	\$0.50	\$ 3.25
5 inch	.07	.60	3.80
6 inch	.12	.80	5.80
7 inch	.15	1.00	7.50
8 inch	.18	1.50	10.00
9 inch	.20	2.00	16.00
10 inch	.25	2.50	20.50
11 inch	.35	3.50	25.00
12 inch	.45	4.00	30.50
14 inch	.60	.....	.....

NEPONSET PAPER POTS. Made of water-proof paper; light, clean and unbreakable.

Size	Doz.	100	1000
2½ inch	\$0.15	\$0.75	\$ 5.50
3 inch	.22	.80	7.20
3½ inch	.25	1.20	9.50
4 inch	.35	1.60	12.00
5 inch	.40	2.35	18.50
6 inch	.55	3.10	23.50

RUBBER SAUCERS. Far cheaper in the end than earthen-ware. Extremely desirable on account of being absolutely waterproof.

Size	Weight	Each	Each	Doz.
5 inch	¼ lb.	\$0.35	\$ 3.60	
6 inch	¼ lb.	.37	3.90	
7 inch	½ lb.	.40	4.20	
8 inch	½ lb.	.42	4.50	
9 inch	¾ lb.	.46	4.90	
10 inch	¾ lb.	.50	5.30	
12 inch	1¼ lbs.	.55	6.30	
14 inch	1½ lbs.	.78	8.40	
16 inch	2 lbs.	1.41	15.00	
18 inch	2½ lbs.	1.62	20.00	
20 inch	4 lbs.	2.00	22.00	

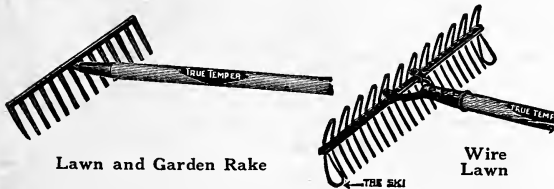
PUTTY. Tyvellow's Old English. Semi-liquid. Per gal., \$3.25.

MASTICA. Liquid Putty. Per gal. \$3.00.

PUTTY BULB. Scollay's. Useful tool with a tube for applying liquid putty in glazing greenhouses. (Weight, 1½ lbs.) Each, \$1.50.

RAFFIA. Natural color. Lb., 45c; 5 lbs., \$2.00.

RAFFIA. Green. Lb., \$1.50.



Lawn and Garden Rake

Wire Lawn

RAKES. Wire and Steel.

Wire Lawn or Grass. Heavy tinned steel, reversible. 24 teeth, 85c; 36 teeth, \$1.25.

Lawn and Garden. Made of the best cast steel. 12 teeth, \$1.10; 14 teeth, \$1.25; 16 teeth, \$1.40.

Steel Bow Rakes. 12 teeth, \$1.10; 14 teeth, \$1.20; 16 teeth, \$1.30.

RAKES. Wooden.

Ole Olsen Lawn Rake. Has 26 wooden teeth. Head is slightly curved. Hickory wood, \$1.40.

Automatic Lawn Rake. Self cleaning. Made of hard wood; 26 teeth, \$1.75; 38 teeth, \$2.25.

Ames Wooden Rakes. 24 teeth, steel bows. Each, \$1.40.

Pruning Saws



DISSTON PRUNING SAWS

No. 111. Malleable iron handle. 10 inch blade; adjustable. 2 lbs. Each, \$2.50.

No. 10. Pole saw. Socket handle. Adjustable blade. Without pole. 2 lbs. Each, \$2.50.

No. 25. Flat steel frame. Beech handle. Blued steel blade. 14 inch blade. 2 lbs. Each, \$2.25.

No. 11. For sawing by hand or attached to a pole. Adjustable for different angles. 2 lbs. Each, \$2.00.

York State Pruner. Beech handle. Narrow steel blade 20 inches long. 2 lbs. Each, \$2.50.

Shears—Pruning, Hedge, Border

SHEARS, LOPPING. Rhodes' Double Cut Wood Handled Pruner. The most powerful pruner made. Made in three lengths, 20 inch, 26 inch and 30 inch. Each, any length, \$5.00. Shipping weight about 5 lbs.

SHEARS, PRUNING. Wiss Jr. No. 209. An extra fine quality shear, made of the best steel. \$1.50 each.

SHEARS, PRUNING. Wiss No. 109. The very best shear made. Each, \$4.50.



Wiss Pruning Shears. No. 109

Hedge Shears

GRASS SHEAR. One of the best inexpensive shears made. Will hold its edge for years if not abused. Each, 90c, postpaid.

SHEARS, HEDGE. No. 100. Forged solid steel. Steel Per- rules. 8 inch, \$2.50; 9 inch, \$3.00; 10 inch, \$3.50.

SHEARS, HEDGE. No. 101. Notched with knife edge for cutting heavy growth. Each, 8 inch, \$3.00; 9 inch, \$3.50.

SHEARS, BORDER. No. 104. Without wheel. Forged solid steel. 36 inch handles. Each, 8 inch, \$6.00; 9 inch, \$6.50; 10 inch, \$7.00.

SHEARS, BORDER. No. 105. With wheel. Forged solid steel, 36 inch handles. Each, 8 inch, \$6.50; 9 inch, \$6.75; 10 inch, \$7.25.



Grass Border Shears. No. 105

CLYDE TREE PRUNERS. With removable cutting blade and pole complete.

Each	Each
6 feet.....\$2.25	10 feet.....\$2.75
8 feet.....2.50	12 feet.....3.00

Extra Blades for Clyde Pruners. 25c each.

SHOVELS. Dennis, solid steel, square or round point, D handle. Each, \$2.50.

SICKLES, for GRASS, No. 1, each, 75c. No. 75, each, 60c. No. 5, each, 45c.

SIEVES. Any size mesh; made to order. Extra heavy, 18 inch, \$3.00.

SILKALINE. For stringing smilax, etc. Spool, 35c; 8 spools, \$2.50.

SPADES, STEEL. Best. Each, \$2.00.

SPADING FORK. Best steel. Each, \$2.00.

SPRINKLER, SCOLLAY'S RUBBER. Each, \$1.50.

SYRINGES, BRASS GREENHOUSE. No. 11. One stream, two sprays. Each, \$6.50.



Clyde Pruners

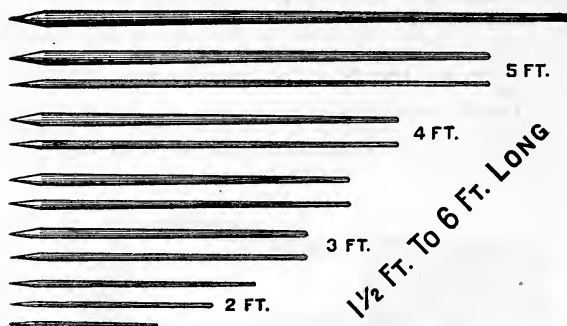
Plant Stakes and Supports

STAKES, JAPANESE GREEN CANE

	Per doz.	Per 100
1½ feet	\$0.20	\$1.00
2 feet	.25	1.25
3 feet	.35	2.00
4 feet	.45	2.75

STAKES, JAPANESE CANE. Natural. 6 ft. Doz., 40c; per 100, \$2.50; per 250, \$6.00; per 1,000, \$19.00.

GREEN PAINTED ROUND PLANT STAKES



HEAVY ROUND PLANT STAKES. Shown Above

	Each	Per doz.	Per 100
3 feet, Heavy or Dahlia.....	\$0.15	\$1.50	\$11.50
4 feet, Heavy or Dahlia.....	.20	2.15	15.50
5 feet, Heavy or Dahlia.....	.25	2.65	20.00
6 feet, Heavy or Dahlia.....	.30	3.00	23.00

Parcel post weight, per doz., 3 ft., 3 lbs.; 4 ft., 5 lbs.; 5 ft., 7 lbs.; 6 ft., 9 lbs.

WOOD STAKES. Light Tapering, Round, Painted Green. Shown Above.

	Per doz.	Per 100
1 1/2 feet	\$0.50	\$ 2.50
2 feet .....	.90	4.50
2 1/2 feet	1.00	6.00
3 feet	1.25	7.50
3 1/2 feet	1.40	9.50
4 feet	1.65	12.50
5 feet	2.00	15.00

Parcel post weight, per doz., 1 1/2 ft., 1 lb.; 2 ft., 1 1/2 lbs.; 2 1/2 ft., 2 lbs.; 3 ft., 2 1/2 lbs.; 3 1/2 ft., 3 lbs.; 4 ft., 4 lbs.; 5 ft., 5 lbs.

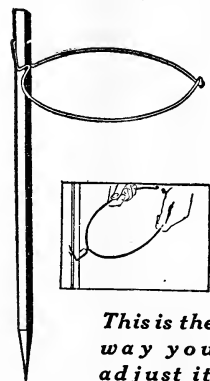
POINTED FLORAL OR HYACINTH STAKES

	Price, Doz.	Price, 100	Price, 1000
12 inch	\$0.10	\$0.35	\$2.50
18 inch .....	.15	.60	4.00

ADJUSTO PLANT SUPPORT
Indispensable for Roses, Dahlias, Tomatoes and other plants. Stakes and wires complete.

	Each	Doz.
3 feet	\$0.35	\$3.50
4 feet .....	.40	4.00
5 feet .....	.45	4.50
6 feet .....	.50	5.00

Plant Tubs



This is the way you adjust it

Adjusto



Richmond



New York

Richmond Style			New York Style		
Size	Diam.	Each	Size	Diam.	Each
No. 3	8 inch	\$0.90	No. 1	12 inch	\$3.40
No. 5	10 inch	1.00	No. 2	13 inch	4.00
No. 7	12 inch	1.50	No. 3	14 inch	5.50
No. 9	14 inch	2.00	No. 3 1/2	16 inch	6.00
No. 11	16 inch	2.50	No. 4	19 inch	7.50
No. 13	18 inch	3.00	No. 5	22 inch	9.50

TREE SCRAPERS. Best steel, 10 and 20 inch handle, \$1.50.

Thermometers

TYCOS THERMOMETERS are the best and most carefully tested Thermometers made.

No. 5154-S. Greenhouse. Black oxidized scale, with coppered metal case. 8 inch, each, \$1.00, postpaid.
No. 5452. 8-inch japanned; self registering....\$6.50
No. 5981. Hot-Bed, or Mushroom..... 2.50

Trowels



Trowel, D. S. T.

D. S. T. STEEL SHANK TROWEL

These are somewhat long in blade and handle, making a very practical tool. 6 inch blade. Will last a lifetime. \$1.00 each. Parcel post weight, 1 1/2 lbs.

TROWELS, GARDEN, No. T10. All steel; one piece. English. 6 inch. Each, 60c.

TROWELS, GARDEN, No. T12. Steel, 6 inch. Each, 25c.

TRANSPLANTING TROWEL. No. T25. Long, narrow steel blade. Each, 25c.

TRANSPLANTING TROWEL. No. T15. Made of heavy steel and enameled red, socket shank. 6 inch blade, 8 inch handle. English pattern. Each, 65c.

TWINE. For stringing smilax, etc. (silkaline).

2-oz. spool\$0.40

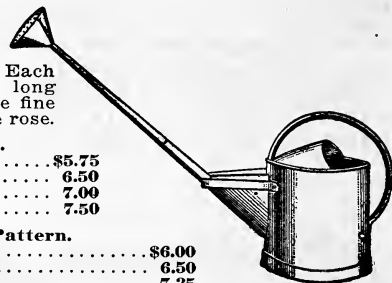
1 lb.—8 spools..... 2.75

Green Sea Island Cotton. Single ball..... .25

TWINE, JUTE. 2 or 3 ply. Lb., 40c; 10 lbs. at 38c. Ask for prices on larger lots.

Watering Pots

Heavy galvanized iron, reinforced; made well and substantially. Each pot has a long spout, with one fine and one coarse rose.



Round Pattern.

6-quart	\$5.75
8-quart	6.50
10-quart	7.00
12-quart	7.50

French Oval Pattern.

6-quart	\$6.00
8-quart	6.50
10-quart	7.25
12-quart	8.50

Haw's Pattern. English Style.

2-quart	\$5.00
3-quart	6.00
4-quart	6.50
6-quart	7.00
8-quart	8.00

Eureka. Best hand weeder for loosening soil around plants. Short handled. 45c. (Mailing weight, 1/2 lb.)

Hazeltine. Each, 35c. (Mailing weight, 6 oz.)

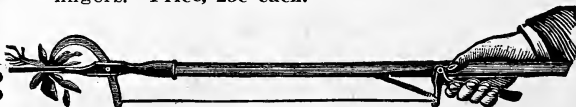
Excelsior Weeding

Hook. Can be used to great advantage among small and tender plants. Price, each, \$15c; doz., \$1.50.



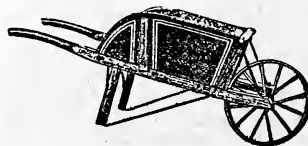
Excelsior

Lang's Hand Weeder. Is in our opinion the best; its special feature is a band which passes over the fingers. Price, 25c each.



THE CLEVELAND LAWN WEEDER. The curved edge of the blade enters and loosens the soil, pressure on the lever then causes the toothed jaw to grasp the plant. Price, each, \$1.25.

WHEELBARROW, JOHNSON'S EXCELSIOR. Substantially made. Length of body, 26 1/2 inches; width of body, wheel end, 18 1/2 inches, handle end, 23 inches; depth, 12 inches; steel wheel, 20-inch diameter. Weight, 40 lbs. Each, \$8.50.



SPRAYERS AND DUSTERS

Auto-Spray No. 9—Compressed Air



Auto-Spray No. 9

The Auto-Spray No. 9 is the strongest and most simple in its working parts of any compressed air sprayer. Two pumpings of about 15 strokes on the plunger will discharge the contents under high and constant pressure. After pumping, the operator has nothing to do but direct the spray. This sprayer is equipped with a patented Non-Clogging Nozzle.

USES: For spraying trees, shrubs, vines, field crops, greenhouses and poultry houses; for applying Paris green, arsenate of lead, Bordeaux, lime and sulphur emulsions, disinfectants, cattle-fly oil, white-wash, cold water paints, etc.

CONSTRUCTION: It consists of a solution tank holding $3\frac{1}{4}$ gallons. The tank is made of galvanized steel or heavy sheet brass, as ordered. (We strongly recommend the Brass, because it will not corrode with strong solutions, and will last indefinitely.)

The Sprayer is carried by a shoulder strap, and will cover ten times more area in a day than can be covered with the old style sprayers.

Auto-Spray No. 9B—Brass tank with auto-pop.....\$9.50

Auto-Spray No. 9D—Galvanized tank, with auto-pop..... 6.50

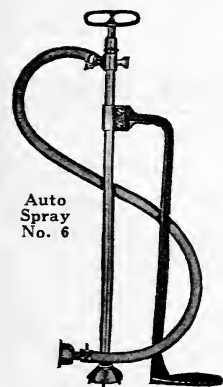
Two-row Attachment—For spraying two rows at one time..... 1.50

Brass Extension Pipe—Two feet long..... .70

Brass Elbows—For spraying under vines, etc..... .40

Brass Strainer—For straining solution..... 1.20

Bucket Sprayer

Auto
Spray
No. 6

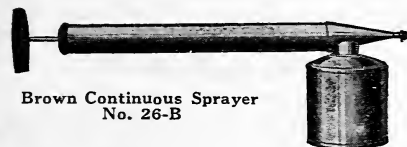
AUTO-SPRAY No. 6, as shown herewith is probably the most powerful bucket pump manufactured. This sprayer can easily generate a pressure of 200 lbs. The pump sprays perfectly on both the up and down strokes; $3\frac{1}{2}$ feet of high-pressure $\frac{3}{8}$ -inch hose, brass, fine spray nozzle, brass solid-stream nozzle. Mail weight, 7 pounds. Complete, \$5.50. 2 ft. Brass extension, 50c. Mail weight, one pound.

Hand Sprayers



AUTO-SPRAY No. 22. (Shown above.) For all kinds of small spraying and disinfecting. This atomizer is made of heavy tin and holds one quart. Price, 60c.

Brown Continuous Sprayer No. 26-B

Brown Continuous Sprayer
No. 26-B

Sprays fly oils and disinfectants as well as the regular spraying materials. An extra nozzle is furnished for spraying under side of the foliage.

Brown's Sprayer No. 26-B—One quart, tin pump, brass tank. Each, \$1.50.

Brown's Sprayer No. 23— $\frac{1}{2}$ gallon, tin pump, brass tank. Each, \$2.50.

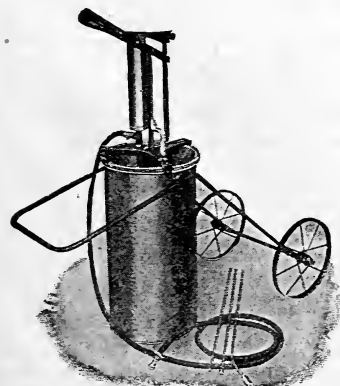
Paragon Sprayers

Paragon Sprayers are good investments. They pay large dividends. Better and more fruit.

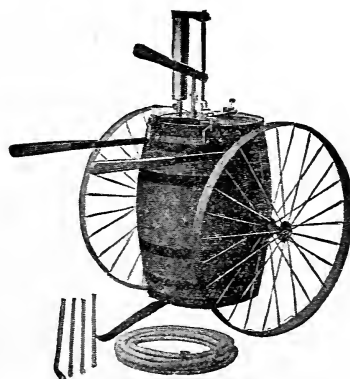
The Paragon Sprayer will develop a pressure of 150 to 250 pounds.

PARAGON SPRAYER No. 3
Price, \$25.00—Capacity, 12 gallons
EQUIPMENT: 10 feet Special Spray Hose, $7\frac{1}{2}$ feet Extension Pipe, 1 Mist Nozzle, 1 Steel Cap, 1 Straight Spray Nozzle.

PARAGON SPRAYER No. 4
Price, \$39.50—Capacity, 28 Gallons
EQUIPMENT: 20 feet Special Spray Hose, 10 feet Extension Pipe, 1 Mist Spray Nozzle, 1 extra Steel Cap, 1 Straight Spray.

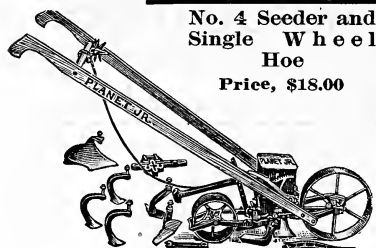


Paragon Sprayer No. 3



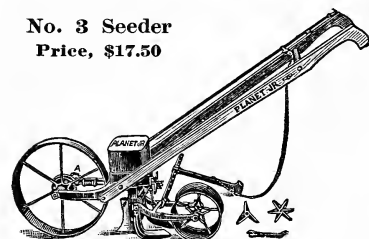
Paragon Sprayer No. 4

PLANET JR. SEEDERS AND CULTIVATORS



**No. 4 Seeder and
Single Wheel
Hoe**

Price, \$18.00



No. 3 Seeder
Price, \$17.50

No. 4. Simple, accurate seeding attachment for either hill or drill sowing, and complete single wheel hoe. A splendid all-around tool for home or small market garden. Wheel Hoe equipment; one pair of 6-inch hoes, three cultivator teeth, one garden plow, leaf-guard, and marker.

No. 25. With No. 25 two acres a day can easily be worked, and when it is done, it will be a better job than several men could have done in the same time with hand hoes.

No. 3. 15-inch Wheel. Holds 3 quarts. A popular size Seeder for both large and small gardens. Well-made, accurate, easily operated, quickly changed from one kind of seed to another.

No. 17. The most useful tool in the small garden. Lighter than Double Wheel Hoes, easy to operate and does splendid work. Equipment: One pair of 6-inch hoes, three cultivator teeth, one large garden plow.

No. 12. The most popular Double Wheel Hoe made. Can be quickly changed to Single Wheel Hoe if desired. Equipment: One pair of 6-inch hoes, four cultivator teeth, 1 pair plows, 2 leaf-lifters.



**No. 25 Seeder
and Double
Wheel Hoe**

Price, \$21.50

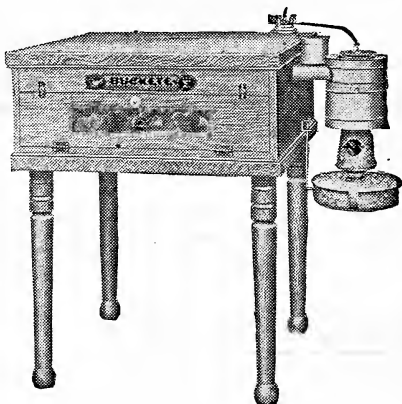


**No. 17 Single
Wheel Hoe**
Price, \$7.75

BUCKEYE INCUBATORS

NO PREVIOUS EXPERIENCE NECESSARY

It is not necessary to have any previous experience to operate a Buckeye. The entire Buckeye system is so simple that a boy or girl can operate it as satisfactorily as an experienced operator.



BUCKEYE "STYLE E" INCUBATOR
(Shown Above)

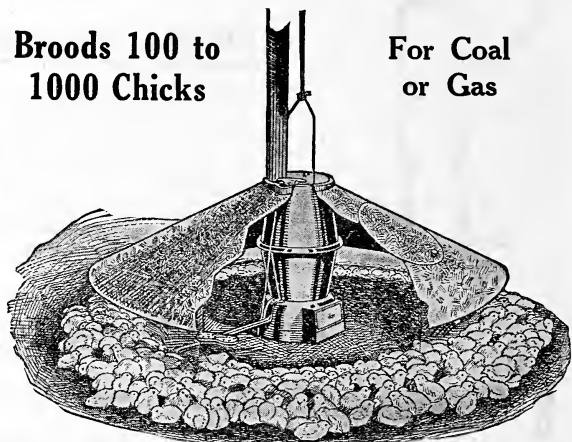
- No. 14.** Capacity, 65 eggs.....Price, **\$16.50**
No. 16. Capacity, 120 eggs.....Price, **27.50**
No. 17. Capacity, 210 eggs.....Price, **36.75**

Ask for illustrated Buckeye catalog.

The Buckeye Colony Brooder

Broods 100 to
1000 Chicks

For Coal
or Gas



FOR HARD OR SOFT COAL

- No. 18 Buckeye Standard Brooder**—Capacity 500 chicks **\$21.50**
No. 19 Buckeye Standard Brooder—Capacity 1000 chicks **26.50**
No. 25 Buckeye Standard Brooder—Capacity 1200 chicks **30.00**

Granulated Imported Peat

Used for Top Dressing on Lawns and for Mulching
Bulbs, Shrubs and Roses

Granulated Peat Moss. Is used with good results in flower and vegetable beds, around bush fruits, vines, shrubs, hedges and under fruit and ornamental trees. Peat Moss stimulates the development of roots of all plants, which results in a quickened growth, because of the improved water and air supply. Highly recommended for top dressing on lawns as its use guarantees a soil that is light and friable, has good drainage and will not crust or bake after watering. Established lawns should be covered $\frac{1}{2}$ inch deep with Granulated Peat Moss in the late Fall. It will almost disappear by Spring. If the Fall covering has been omitted cover lightly in the Spring and occasionally during the growing season. It soon works in about the grass roots. Large bale, about 190 lbs. (covers 240 square feet 1 inch deep), \$5.00.

ADCO

ARTIFICIAL STABLE MANURE

Make It Yourself—In Your Own Garden

Every bit of non-woody refuse that comes from your garden—cuttings, leaves, vines, etc.—should be mixed with "ADCO," kept moist and thus converted into high-grade manure.

It is very simple and not a bit laborious and every garden needs manure.

PRICES

- ADCO**, in 25-lb. bags, each.....\$ 2.25
 (Enough for 12 wheelbarrow loads of garden waste, making about one-half ton of manure.)
ADCO, in 100-lb. bags, each..... 8.50
 (Enough for a heap 6 ft. x 6 ft. x 6 ft., making about two tons of manure.)
ADCO, in 150-lb. bags, each..... 11.50
 Special price on Field ADCO in ton lots to farmers, market gardeners and other large users.

JOHNSON'S HIGH GRADE FERTILIZERS

Two Good Fertilizers for Your Lawn and Garden

ALL PRICES COVER CITY DELIVERY

Pulverized Sheep Manure

FREE OF WEEDS

This is a pure natural manure and one of the most nutritious foods for plants. It is very rich, safe, and gives quick results. It will give excellent results on flower beds, lawns or in vegetable gardens. Can be used either in dry form or dissolved to make a liquid manure. If applied dry, no raking off is required as it does not disfigure the grounds, nor does it contain seeds of foul weeds, nor offensive odor. For the garden, lawn or greenhouse nothing surpasses it; it is clean and easily handled, besides giving immediate results.



Prices Delivered in Cleveland

1 lb.....	\$0.15	50 lbs.....	\$ 2.00
2 lbs.....	.20	100 lbs.....	3.50
5 lbs.....	.35	500 lbs.....	15.00
10 lbs.....	.60	1000 lbs.....	26.00
25 lbs.....	1.25	2000 lbs.....	50.00

Is Your Soil Sour?

AGRICULTURAL HYDRATED LIME. It supplies the element calcium to plants; it makes "sour soil sweet," changes an acid condition to a slightly alkaline one; it has the power to shrink clay and adobe soils, making a larger number of crumbs from a sticky mass; it prevents packing, baking and cracking, makes cultivating easier; it promotes the normal decay of organic matter in the soil. It destroys fungus and the germs of insect life that infest the soil. Use one-half less than other forms of lime. **In sacks weighing 50 lbs. per sack, \$1.50; 2 sacks (100 lbs.), \$2.50.** Delivered anywhere in the city. Write for prices on ton lots.

NITRATE OF SODA. Break up the lumps before using. Apply in the home garden as a solution one ounce to two gallons of water. For asparagus use 250 lbs. per acre when growth starts. For strawberries top dress with 100 lbs. per acre just after blossoming. For other crops use 100 lbs. per acre when the plants are well established. **Lb., 25c; 5 lbs., 75c; 25 lbs., \$2.50; 50 lbs., \$4.00; 100 lbs., \$6.50.** Write for prices on larger quantities.

BONE AND BLOOD. For cabbage, cauliflower, corn and other crops of big surface growth; not desirable for root crops except as it is used in connection with potash, or hardwood ashes, and if so used it is especially adapted to fruits, if applied early. For garden crops use 300 to 500 lbs. per acre. **25 lbs., \$2.00; 50 lbs., \$3.50; 100 lbs., \$5.50; 500 lbs., \$25.00; 1000 lbs., \$45.00; 2000 lbs., \$80.00.**

PURE CRACKED BONE. For grape vines, fruit trees, shrubs and trees of all kinds. Should be used when planting out and should be well mixed with the soil to the depth of a foot or more. **5 lbs., 75c; 25 lbs., \$2.50; 100 lbs., \$8.50; ¼ ton, \$35.00; ½ ton, \$65.00; ton price on application.**

CLAY'S FERTILIZER. This valuable imported manure is especially recommended to all who grow either fruit, flowers or vegetables, and wish to bring them back to the highest perfection. It should also be used in potting soil as a top dressing. **28 lbs., \$5.00; 56 lbs., \$8.50; 112 lbs., \$15.50.**

SCOTCH SOOT (Genuine Imported). Gardeners know the value of the genuine article for stimulating a healthy growth of dark green foliage, and its beneficial effect in freeing the soil from slugs, grubs and cut worms. **5 lbs., \$1.25; 10 lbs., \$2.00; (¼ cwt.) 28 lbs., \$3.25; (½ cwt.) 56 lbs., \$5.00; (1 cwt.) 112 lbs., \$8.50.**

LEAF MOLD. Indispensable for azaleas, rhododendrons, etc. **In sacks of about 120 lbs., \$3.00 per 100 lbs.**

Bone Meal

JOHNSON'S SUPERIOR BRAND

Stable dressing is unpleasant to handle and always contains more or less weed seeds. There are no weed seeds in this fertilizer. It will impart to your lawn that much desired dark green and velvety appearance. Should be applied as a top dressing either in spring or fall. Unusually rich in nitrogen and phosphoric acid, the two principal plant foods.

Prices Delivered in Cleveland

5 lbs.....	\$0.40	100 lbs.....	\$ 4.00
10 lbs.....	.65	200 lbs.....	7.50
25 lbs.....	1.25	1000 lbs.....	35.00
50 lbs.....	2.25	2000 lbs.....	60.00

Vigoro Odorless Plant Food

For Lawns, Gardens, Flowers, Shrubbery, Trees

Vigoro is specially prepared to supply growing things with all of the plant food elements needed for rapid, sturdy, and luxuriant growth. Vigoro is odorless, clean, and easy to apply. It can be sown by hand like grass seed. **100-lb. bag, \$5.00; 50-lb. bag, \$3.00; 25-lb. bag, \$1.75; 5-lb. pkg., 50c.**

Grasselli Odorless Plant Food

You can stimulate the growth and bring out the latent beauty of your trees, shrubs, grass and flowers with this splendid plant food. It makes them grow like magic, promotes the development of a good root system and strengthens the plant fibres. One hundred pounds can be used to advantage on the lawns, shrubs and garden of a fifty-foot lot. Its use will pay big dividends. **5 lbs., 50c; 25 lbs., \$1.75; 50 lbs., \$3.00; 100 lbs., \$5.00.**

COW or CATTLE MANURE (Shredded). One sack of this is equal to one cart-load of fresh cow manure. Especially suited for soil mixing, mulching and liquid manuring. **100 lbs., \$4.50; 500 lbs., \$18.00; 1000 lbs., \$35.00; ton, \$65.00.**

HARDWOOD ASHES. Highest grade unleached. For top-dressing lawns, especially if the soil is stiff or sour, 1½ tons to the acre. **25 lbs., \$1.00; 50 lbs., \$1.75; 100 lbs., \$2.75; 500 lbs., \$11.00; 1000 lbs., \$20.00.**

SULPHATE OF AMMONIA. Apply 75 to 100 lbs. per acre only with other fertilizers deficient in nitrogen. **5 lbs., 75c; 10 lbs., \$1.25; 25 lbs., \$2.50; 50 lbs., \$4.00; 100 lbs., \$7.00.**

MURIATE OF POTASH. Apply 100 to 125 lbs. per acre usually with other fertilizers. **5 lbs., 75c; 10 lbs., \$1.25; 25 lbs., \$3.00; 50 lbs., \$4.50; 100 lbs., \$7.50.**

TANKAGE. For roses, etc., under glass; similar to dried blood. **50 lbs., \$2.75; 100 lbs., \$5.00; 200 lbs., \$9.00; ton, \$80.00.**

MOSS, SPHAGNUM. For filling orchid baskets, etc., and for mixing with potting soil to conserve moisture. **In large bales of about 30 lbs. at \$3.50 per bale, f. o. b. Cleveland.**

PEAT, ORCHID. For potting orchids, etc. **In sacks of about 30 lbs. at \$3.50 per sack.**

PEAT, ROTTED. Fine for mixing with soil for potted plants such as azaleas, palms, etc. **In sacks of about 85 lbs. at \$5.00 per 100 lbs.**

BLOOD (Dried). For indoor culture of flowering plants, like roses, carnations, etc., its chief element being nitrogen. **5 lbs., 90c; 10 lbs., \$1.50; 25 lbs., \$2.50; 50 lbs., \$4.50; 100 lbs., \$8.50; 200 lbs., \$16.00.**

Prices on all fertilizers are subject to change without notice

INSECTICIDES AND FUNGICIDES

For Insect Pests and Fungous Growths

Parcel Post. Only those insecticides marked * can be shipped through the mails. Articles so marked will be shipped provided sufficient postage is included with your order. Those not marked will be forwarded freight or express charges collect.

ANSECT. Designed particularly to kill the Rose Bug. It is an exceedingly efficient and powerful contact insecticide, should be used as a spray and diluted in the proportion of one to thirty of water. (For a quart sprayer use 5 teaspoonfuls of insect and fill with water.) Gal., \$6.00; pt., \$1.00; qt., \$1.75; 4 oz. sample can, 30c.

ANT EXTERMINATOR. For red and black ants. This powder exterminates them. ½ lb., 50c; lb., 90c.

APHINE. Effective against all soft-bodied and plant-sucking insects such as green, black, white fly, red spider, thrips, mealy bugs, brown and white scale, currant and cabbage worm, etc. Use as a spray or wash, diluting in water. Pt., 75c; qt., \$1.15; gal., \$3.25.

***APHISTROGEN.** Makes a complete spray for most sucking insects; prepared especially for roses and other plants. 4 oz., 75c; ½ lb., \$1.25; 2 lbs., \$3.50; 12 lbs., \$15.00.

ARSENATE OF LEAD, POWDER. Has all the advantages of the paste form, but goes twice as far and is easier to handle. Can be applied like Paris Green with powder guns. ½ lb., 30c; lb., 50c; 5 lbs., \$2.25; 10 lbs., \$4.00; 25 lbs., \$9.00; 50 lbs., \$17.00; 100 lbs., \$30.00.

"BLACK LEAF 40" (Sulphate of Nicotine). Highly recommended for destroying aphids, thrips, etc. Oz., 35c.

BORDEAUX MIXTURE, POWDER. In a popular and convenient form for immediate use; can be used dry or with water. ½ lb., 25c; lb., 40c; 4 lbs., \$1.25; 10 lbs., \$2.75; 20 lbs., \$5.00.

COPPER SOLUTION. An excellent spray for mildew, blight and rust on fruit, flowers and vegetables. Should be diluted 100 times with water. Qt., \$1.50; gal., \$4.00.

CYANOGAS. For greenhouse fumigation for aphids, white fly, thrip, etc. Easy to use. G Grade, 5 lbs., \$2.50; 25 lbs., \$8.50; 100 lbs., \$25.00.

DIPDUST-BAYER'S. Possesses remarkable properties for sterilizing seeds, bulbs, roots, and corms of the parasitic seed and plant diseases; also accelerates germination, and stimulates seedling growth. 2 ozs., 50c; 8 ozs., \$1.60; lb., \$2.75; 5 lbs., \$13.00; 25 lbs., \$62.50, not prepaid.

FUNGINE. A remedy for mildew, rust, bench-rot and other fungi. Does not stain the foliage. Pkt., 75c; qt., \$1.25; gal., \$3.75.

FUNGITROGEN. A most effective and scientific preventative and remedy for mildew, black spot and other fungoid diseases of roses. Will not discolor the foliage. Pt., \$1.25; qt., \$2.00; ½ gal., \$3.50; gal., \$6.00.

GETS-THERE SOAP. For washing palms. 3 lbs., \$1.00.

GRAPE DUST. Very efficient in destroying mildews and preventing blight, either in greenhouses or in the open. 5 lbs., \$1.00.

HELLEBORE. Best Grade, Powdered, White. For rose slugs, currant worms, etc. ½ lb., 35c; lb., 60c; 5 lbs., \$2.75.

HERBICIDE WEED KILLER. The best weed exterminator for paths, gutters, drives and tennis courts. Qt., 70c; ½ gal., \$2.20; 1 gal., \$2.00; 5 gals., \$8.00; 10 gals., \$15.00. In 30 gal. drums for \$30.00 plus freight, and 50 gal. bbl. for \$50.00 plus freight from factory in New Jersey.

INSECTROGEN. A complete spray. Poison, fungicide and fertilizer. Highly effective for leaf chewing insects, and an equally efficient detergent for black spot on Roses and mildew and red spider on Phlox. ½ pt., \$1.00; pt., \$1.75; qt., \$2.75; ½ gal., \$4.50; gal., \$8.00.

KEROSENE EMULSION. An old reliable remedy for use against many soft bodied and sucking insects like plant lice, scale, mealy bug, etc. Kills by contact. Pt., 50c; qt., 95c; gal., \$2.25.

***LEMON OIL.** It effectually controls mealy bugs, scale, thrips and red spider. Pt., 60c; qt., \$1.00; ½ gal., \$1.75; gal., \$3.00; 5 gal. keg, \$12.50.

LIME-SULPHUR, POWDERED. Will readily mix with cold water and make fresh liquid Lime-Sulphur. 20 to 25 pounds will make 50 gallons liquid for dormant spray of 32 per cent Baume strength. Lb., 40c; 5 lbs., \$1.40; 10 lbs., \$2.25; 25 lbs., \$4.75; 100 lbs., \$15.50.

LIME-SULPHUR SOLUTION, LIQUID. For San Jose and all other scale insects. A fungicide. When used against scale, spray when the tree is dormant in the early spring or late fall. Qt., 50c; 2 qts., 75c; gal., \$1.25; 5 gals., \$3.75; ½ bbl., 25c per gal., bbl., 23c per gal. Barrels charged at \$2.00 each, but are returnable for credit.

NICO-FUME LIQUID. A highly refined solution, containing 40 per cent nicotine, for spraying as a remedy for aphids, thrips, black and white fly. May be used for vaporating. ¼ lb., 85c; lb., \$2.50; 4 lbs., \$8.00; 8 lbs., \$15.00.

***NICO-FUME TOBACCO PAPER.** Consists of a paper saturated with a nicotine solution containing not less than 20 per cent of nicotine. A most effective mode of fumigation for conservatories and greenhouses, leaving no odor in the flowers. Tight can of 24 sheets, \$1.25; 144 sheets, \$5.50; 288 sheets, \$10.00.

NICO-FUME POWDER FOR GREENHOUSES. A simple and effective preparation for fumigating greenhouses, for plant lice and thrips. It is a specially prepared tobacco powder, which has been treated to insure proper burning qualities, and which is saturated with pure Nicotine. 10 lb. tins, \$8.50; 5 lb. tins, \$4.50.

PARADICHLOROBENZENE ("Para" for short). For killing the peach-tree borer. Full directions on each package. Lb., 75c; 5 lbs., \$3.50; 10 lbs., \$6.00, not prepaid.

PARIS GREEN. More extensively used than any other poison. Purest of all brands. ¼ lb., 25c; ½ lb., 40c; lb., 75c. Special prices on large quantities.

PYROX, BOWKER'S. The one best spray for apples, potatoes and general purposes against leaf-eating insects and fungous diseases. This combined insecticide and fungicide is better than Paris Green, Arsenate of Lead or Bordeaux Mixture, and cheaper to use. It sticks to foliage like paint, in spite of heavy rains. Mix it with cold water, and it is ready to use. Lb., 50c; 5 lbs., \$1.75; 10 lbs., \$3.00; 25 lbs., \$6.75; 50 lbs., \$11.50; 100 lbs., \$19.50.

SCALECIDE. Used for the destruction of the San Jose Scale. Dilute at the rate of one gallon Scalecide to 20 gallons of water. Scalecide does not clog nozzles or pump. Qt., 75c; gal., \$2.00; 5 gals., \$7.50; 10 gals., \$12.50; 30 gal. bbl., \$29.50; 50 gal. bbl., \$43.50.

SULPHO TOBACCO SOAP. An excellent article for the greenhouse or conservatory. Especially good for destroying scale on palms and other plants. Soluble in warm water. 3 ozs., 15c; 6 ozs., 25c.

INSECTICIDES AND FUNGICIDES—continued

***SLUG SHOT.** Non-poisonous powder. Very effective in destroying potato bugs, beetle, slugs, worms, caterpillars. Use by dusting on plants. 1 lb. carton, 20c; 5 lbs., 65c; 10 lbs., \$1.35; 25 lbs., \$3.00.

***SULPHUR** (Flowers of Sulphur). For mildew on plants, etc. Lb., 15c; 5 lbs., 60c; 10 lbs., \$1.00; 25 lbs., \$2.25.

TOBACCO DUST. For dusting and fumigating. Best grade. The most effective and cheapest remedy for the flea on cabbage, etc. Lb., 15c; 5 lbs., 65c; 10 lbs., \$1.00; 50 lbs., \$3.75; 100 lbs., \$7.00.

***TOBACCO STEMS.** For fumigating. Valuable as a mulch for rose beds and sweet peas. 10 lbs., \$1.00; bbl. sack, \$1.75; 100 lbs., \$3.00.

THRIP JUICE (Hammond's No. 2). Effective for exterminating aphids, red spider, mealy bug, etc. Pt., 85c; qt., \$1.45; gal., \$4.50.

***TREE TANGLEFOOT.** A paste preparation for painting around the trunks of trees, in the form of a band, and insects and other crawling pests cannot get over it. Lb., 60c; 5 lb. cans, \$2.75; 10 lb. cans, \$5.25; 25 lb. cans, \$11.00.

VERMINE. For all soil vermin, such as cut-, eel-, wire-, and grub-worms, slugs, root lice, maggots and ants. Pt., 75c; qt., \$1.25; gal., \$3.50.

VOLCK. A refined oil emulsion that may be used on the most tender foliage with perfect safety. Effectually controls mealy bug, white fly, red spider, aphids, thrips, etc. Does not discolor foliage, but rather imparts a bright glossy appearance. One gallon makes from 32 to 100 gallons of spray solution. ½ pt., 50c; pt., 75c; qt., \$1.00; gal., \$3.00; 5 gals., \$12.00.

WILSON'S O. K. PLANT SPRAY. For 20 years the Leading Insecticide of America, for inside and outside spraying. For aphid, thrip, mealy bug, scale, rose bugs and many other insects. The only insecticide recommended by the officers of the Garden Club of America. ½ pt., 50c; 1 qt., \$1.50; 1 gal., \$3.50; 5 gals., \$12.00; 10 gals., \$20.00; 25 gals., \$50.00; 50 gals., \$90.00.

WORM ERADICATOR, READE'S. For removing worms from greenhouses, lawns, flower pots, vases, etc., without damage to the plants. Bottles, 50c and \$1.00; gal., \$4.25.

***WHALE or FISH OIL SOAP.** For destroying and preventing insects on plants, trees, vines, etc. Very easily applied and very effective. Lb., 35c; 5 lb. can, \$1.50.

X. L. ALL LIQUID INSECTICIDE. For spraying very delicate plants; kills mealy bug, red spider and all insect pests. Pt., \$1.50; qt., \$2.75; 2 qts., \$5.25. All British measure, which is larger than U. S. measure.

RUSTIC BIRD HOUSES

These Houses Will Bring the Birds Back to You Year After Year

Besides being built for the true purposes of attracting the birds these Woods Craft Houses are well put together and made of selected materials in order to resist the action of the elements.

Only selected first class wood, thoroughly seasoned, is used in the construction of these houses. Years of experience have proven just what woods are most suitable for the different shapes of houses. The demand for the different artistic shapes necessitates that they be made of varied woods most suitable to the designs. Red Cedar, Oak, Cypress, and selected White Pine enter into their construction. The nails and cleats holding them together are thoroughly coated so as to resist rust.

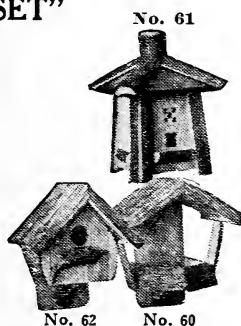
ABOUT WRENS. Place Wren Houses near your dwellings; the wren is hardly ever known to nest off in the woods. If not disturbed, they will become very tame. These Wren Houses are made with 1-inch holes so that sparrows cannot disturb the occupants.

"ART SET"

No. 60
ROBIN HOUSE
Price, \$2.00
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for\$6.50

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No. 11	No. 12	No. 13
No. 11	No. 12	No. 13
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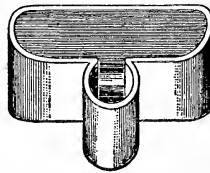
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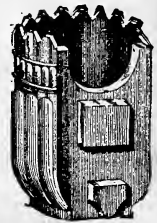
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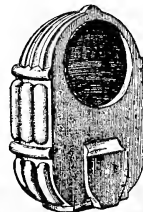
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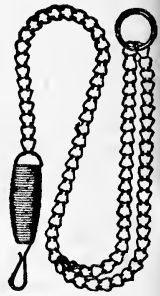
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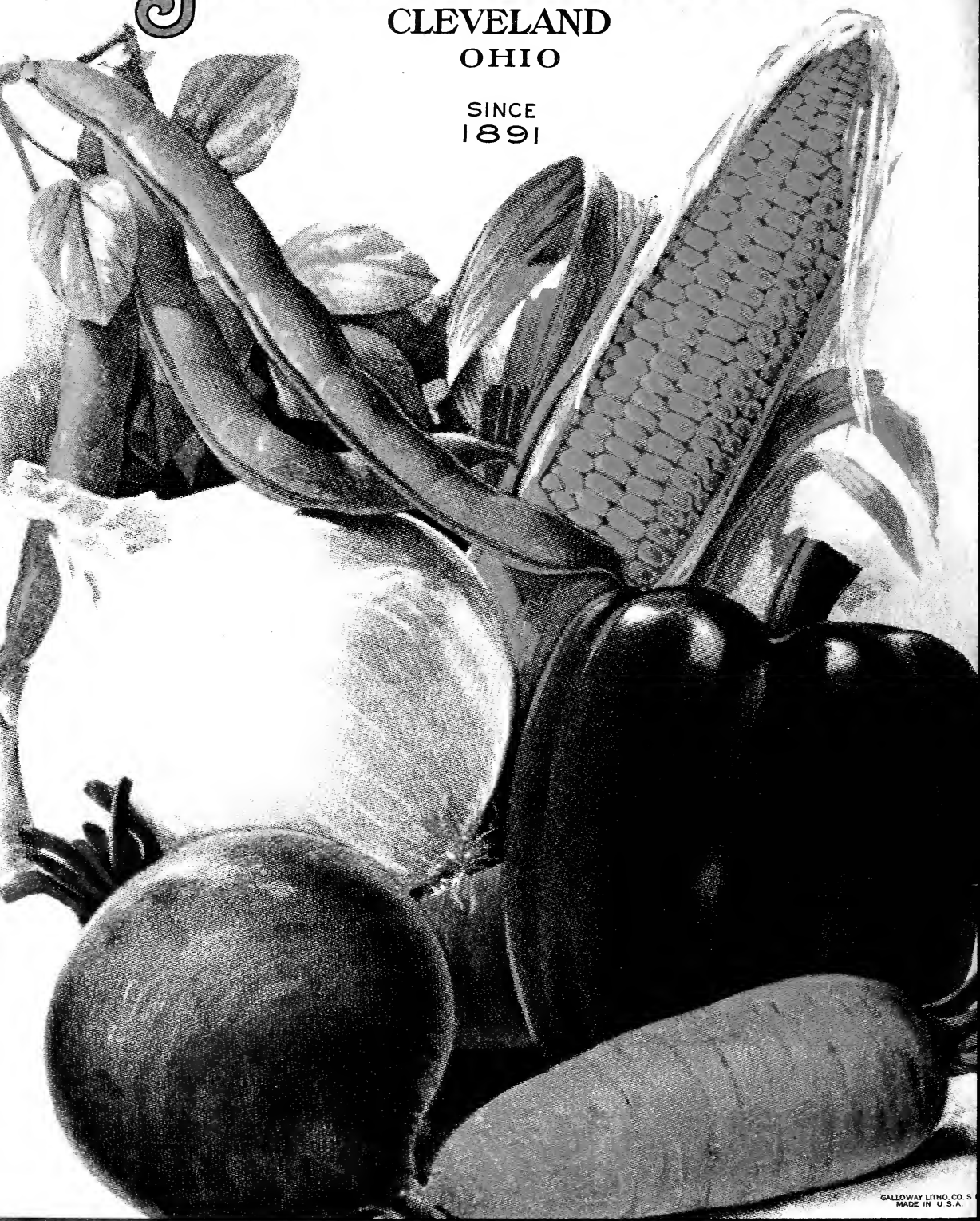
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